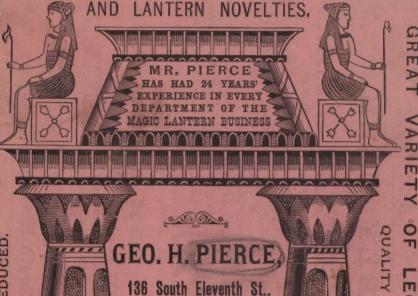
### ILLUSTRATED CATALOGUE

### STEREOPTICONS, MAGIC LANTERNS,

DISSOLVING VIEW APPARATUS,

EVERY VARIETY OF THE BEST LANTERN VIFWS



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It is not always possible to have on hand every picture which may be called for, in which case the order would be delayed, unless the customer should give instructions to send such other picture of the same character as may be on hand.

It generally requires from forty to sixty Views to form an assortment for an evening's exhibition.

### GEO. H. PIERCE.

Sole Agent in Philadelphia for the sale of goods manufactured by T. H. McAllister, New York.

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### BULLETIN No. 13.

December, 1888.

On account of the impossibility of giving proper notice in our Catalogues of the many additions our stock is constantly receiving, both in new forms of apparatus, and in the assortment of attractive Lantern Slides, we have decided to issue a "Bulletin" with each edition of our Catalogue, in which will be noted all Novelties received since the preceding issue; as well as more extended lists of many classes of views than the limits of the Catalogue admit of being fully noted therein.

WE WILL BE PLEASED TO MAIL THE BULLETIN AND ALSO OUR COM-PLETE CATALOGUE OF STEREOPTICONS, MAGIC LANTERNS AND VIEWS TO ANY OF OUR CORRESPONDENTS WHO DESIRE IT.

### NEW VIEWS.

We would call attention to many new Views listed in this Bulletin, all of them being interesting and popular.

ALASKA:

NEW DISSOLVING SETS.

SWISS LIFE,

GYMNAST CHROMATROPE,

FRANCO-PRUSSIAN WAR,

JERUSALEM ON THE DAY OF THE CRUCIFIXION,

NEW SLIDES OF ATTRACTIVE SUBJECTS,

THE MOON AS SEEN BY THE GREAT LICK TELESCOPE, etc., etc., etc.

### VIEWS OF GERMANY AND AUSTRIA.

The detailed list of Views of Germany and Austria in this number of the Bulletin, will be found very interesting, as it embraces illustrations of the principal cities, and of the finest natural scenery in the various countries grouped under the general title of "Germany and Austria."

We would especially call attention to the ample line of views of the River Rhine, by which a very exhaustive tour can be fully illustrated, and the beauties of the River from Cologne to Constance can be attractively presented to an audience.

These are all direct Photographs, each on glass, 31/4 by 4 inches, with protecting cover glass.

### PRICES:

### PRESSURE GAUGE,

For ascertaining the cubic feet of Condensed Gas in a Cylinder, \$6.00.

The Pressure Gauge consists of a Brass Case about 2½ inches diameter, having screw fitting to attach it to a cylinder; on one side is a dial graduated from "0" to "250" and an index point. To ascertain the cubic feet of condensed gas in a cylinder, attach the Pressure Gauge and turn on the gas "full head." When a cylinder is charged to its full capacity the index will stand at "225"; as the gas is consumed the index will show that the pressure is reduced and a "Table," which is supplied with each Pressure Guage when sold, will enable an operator to know exactly the cubic feet of condensed gas remaining in the cylinder.

### Places of Interest—Germany and Austria. 50c. each; \$45.00 per hundred.

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Hotel St. Petersburg. Mill:

Heidelhera

Panorama. Castle, General View.
The Neckar Front.

Entrance Gateway. Entrance Tower.

Clock Tower. Facade of the Frederick Palace Fåcade of the Otto Henry

Portal of the Otto Henry Palace

Galerie Robert. Ruined Tower. The Castle Church. Gallery of Antiquities.

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Hildesheim.

Hotel de Ville. Guild House of the Butchers. Ancient Houses.

Hombura.

Panorama. Kursaal The Lake.

Innsbruck.

Panorama The River Inn.
Triumphal Arch.
Das goldenes dach. Theresien Strasse. Viaduct.

Koenigstein.

Nassau. View on the Elbe.

Kreuznach.

Panorama. Bridge over the Nahe. Castle of Ebernburg.

Laibach.

Panorama.

Limburg.

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Lindau.

Panorama. View on Lake Constance.

Linz, on the Danube. Panorama Engelhardzell. Grein Sarblingstein.

Lubeck.

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Bridge Over the Moselle.

Esplanade, Fort St. Quentin. Statue of Marshal Ney. Fabert Battle Monument at Mars la Tour Gravelotte and Gorse. View at Gorse. Ruins of Roman Aqueduct.

Munich.

Panorama. Colossal Statue, Bavaria. Ruhmes Halle. Museum of Paintings. Museum of Sculpture. Royal Palace Wittelsbacher Palace. Theatre

Theatre.
Court Church.
Church of the Theatins.
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Railway Station.
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Greek Propylæa. Column Marianische-Saüle. Campo Santo. Park of Nymphenbourg.

Munster.

Ancient Houses.

Nurembera. Panorama Ancient Houses. House of Albert Durer.

The Nassau House.
Street, Adler Strasse.

Ludwig Strasse.

Burg Strasse.

Caroline Strasse.

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The Castle.
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The Pegnitz River. Oetzthal.

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Soelden " Zwieselstein. General View of Valley. General View of Upper Valley.

Valley of the Ache. View of Rothmoos.

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Panorama.

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Potsdam.

Old Palace, General View.
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New Palace, General View.

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Great.
Sans Souci, General View.

Gardens Orangery.
Picture Gallery. Church of St. Nicholas.

The Old Windmill.

Prague.

Panorama. The Ancient Bridge. Hradchin Palace. Hotel de Ville. Grand Place Church of St. Nicholas. Statue, Charles IV. Monument, Emperor Francis.

Radetzki. River Moldau.

Presbura.

Panorama. The Citadel View on the Danube.

Ratisbon

Panorama. The Walhalla Cathedral Portal. Donaustauf. View on the Danube.

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Panorama:

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Roveredo. Panorama.

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Baird " and Wood !
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" Near.
Guyot . "
Le Conte "
Muir " Front.
" Near.
" Тор.
Juneau.
Description of the last of the
Panorama.
Early Morning.
Treadwall's Gold Mine, ext
int " int
Sitka.
B
Panorama.
Indian Part.
Street in Sitka.
Harbor.
Baranof Castle.
Greek Church, exterior.
Home Mission.
Old Russian Block House.
Interior of Indian House.
Mt. Vestovia, Sitka Bay.
Wood Point near Indian Ri

Landing Place. Main Street. Chief Shustach's Grave. Totem Poles. Wolf Totem.

Glaciers.	Prince
Agassiz Glacier. Baird " and Wood Bay." Front. " Near. Guvot "	Salmon ment. Eudora M Kasa-an I
Le Conte " Muir " Front. " Near. " Top.	Chief Sko State. Deserted I
Juneau. Panorama. Early Morning. Treadwall's Gold Mine, ext'r, int'r.	Chief of th Second Ch Crown Pri Indian Bo
Sitka.  Panorama. Indian Part. Street in Sitka.	Indian Wo Medicine : Family Gr Natives Lo

ndian Village. "Totem Poles.
"Burial Posts.
owl's Body Lying in Indian Village. ters and Customs. ne Yakutat Indians. rief incess " oman " Man 66 66 and Bear. roup pading Salmon Cans. Indians at Juneau. Natives at Pyramid Harbor. Women and Babies of Karta Indian Doctor Healing the Sick Group in Full Costume.

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Masks

War Canoe.

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- tet.
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  38. Posterior Surface of the Fifth Nerve and Submaxillary Ganglion.
  50. Muscles of the Left Hand,
  61. Nerves of the Orbit and Ophthalmic Ganglion.
  62. Section of the Fifth Nerve and Submaxillary Ganglion.
  63. Muscles of the Left Hand,
  64. Nerves of the Orbit and Ophthalmic Ganglion.
  65. Sepone and Third Divisions of the Fifth Nerve and Submaxillary Ganglion.
  68. Spheno palatine Ganglion and its Branches.
- 5. Transverse Section through a Microscopic Nerve. Sectional View of Skin. Microscopic Section Microscopic
- Skin 8. First Cervical Vertebra.
  9. Second Cervical Vertebra.
  10. Peculiar Dorsal Vertebra.
- 11. Sacrum, Anterior Surface. 12. Lateral View of the Spine.
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- face.
  14. Left Parietal Bone, External Surface. 15. Frontal Bone, outer sur-
- face. 16. Skull at Birth, showing
- Anterior, Posterior, and Lateral Fontanelles. 17. Left Superior Maxillary
- Bone, outer surface.

  18. Palate and Alveolar Arch.

  19. Inferior Maxillary Bone, inner surface, side view.
- 20. Base of the Skull, external surface.
- 21. Side View of Skull. Anterior Region of the
- Skull. 23. Bones of the Left Hand,
- palmar surface.

  24. Plan of the Development of the Hand.
- 25. Bones of the Right Foot, dorsal surface 26. Right Femur, anterior sur-
- face. 27. Bones of the Right Leg, anterior surface.
- 28. Left Humerus, anterior view.
- 29. Bones of the Left Forearm, anterior surface
- Muscles of the Head, Face and Neck
- 31. Muscles of the Right Orbit.
  32. Pterygoid Muscles.
  33. Muscles of the Tongue,
  left side.
- 34. Muscles of the Back External Oblique Muscle
- 36. Muscles of Chest and front of the Arm.

- palmar surface
- 40. Muscles of the front of the
- Leg.
  41. Muscles of the Sole of the
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- 58. Deep Lymphatics and Glands of Neck and Thorax.
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- Extremity.

  Nerves of the Lower Extremity.
- The Sympathetic Nerve. Upper Surface of the
- 73. Upper S Tongue.
- 74. Cartilages of the Nose.
  75. Nerves of Septum of Nose.
  76. Horizontal Section through the Left Eyeball.
- Choroid and Iris.
- Arteries of the Choroid and
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- open.

  3. The Cochlea, laid open.

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- 90. Peptic Gastric Gland, and Phyloric Glands of Stomach
- 91. Relations of the Duodenum.
- 92. Large Intestine and Kid-ney, rear.
  93. Viscera and Large Vessels of the Abdomen, rear.
  94. Minute Structure of Large
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- Liver, under surface 96. Pancreas and its Relations. 97. Right Auricle and Ventricle. 98. Plan of the Fœtal Circula-
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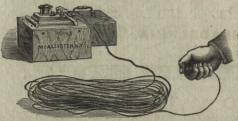
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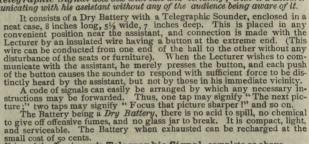
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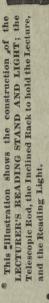
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The assortment of this New Departure Apparatus is as follows:

The New York Model Magic Lantern.

The New York Model Dissolving View Apparatus.

The Metropolitan Oxy-Hydrogen Stereopticon.

The International Oxy-Hydrogen Stereopticon.

Each of the above possesses peculiar merits of its own, yet all contain the same valuable points of difference from the forms heretofore considered necessary, all of which are fully specified in the accompanying printed descriptions. It will merely be observed here that each has the collapsible bellows front, and with that exception the remaining portions are of metal, the brass work being nickel-plated, handsomely finished, and always retaining a fine appearance.

The New York Model Magic Lantern was only made possible by our Patent Bi-unial Lamp, which being made entirely of metal obviates the necessity of any case or body to confine the light, and thus a great saving in bulk is obtained by dispensing with the usual metal or wooden body. This Bi-unial Lamp has fully sustained its reputation, and has proved to give by far the most brilliant illumination for Magic Lantern purposes that can possibly be obtained from oil.

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The above are confidently recommended as being the most desirable forms of Oil Light Apparatus, and have given universal satisfaction; but as it frequently happens that a customer wishes to add a more powerful illumination without incurring unnecessary expanse, we would call attention to our "Oxy-Hydrogen Attachments" for the New York Model Magic Lantern, and the New York Model Dissolving View Apparatus, which can be added at any time without change in the original apparatus.

The Metropolitan Oxy-Hydrogen Stereopticon is composed of two lanterns, the bodies of which are of brass, handsomely finished and nickel-plated, with bellows front extension, being placed one above the other, for convenience in operating. The Oxy-Hydrogen Jets are each enclosed by neat Sheet Iron Hoods, which prevent any light from being scattered, are abundantly ventilated, and are no larger than absolutely requisite. The Achromatic Object Glasses are of fine quality, giving a great variety of powers, and rendering "The Metropolitan" serviceable in halls of any size.

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New York Model Magic Lantern	weight. 8½ lbs.	5½ × 9×13 inches.
New York Model Diss. View Apparatus	171/2 66	9 × 13×13 "
Metropolitan Stereopticon	25% "	51/2 × 14 × 14 . "
International Triple Stereopticon	40 "	7 × 10×23 "
International Single Lantern	13 "	6 × 7×10 "



Our "NEW YORK MODEL" has been designed to meet the oft-repeated demands of our customers for a Magic Lantern of compact pattern, packing in a small compass, and consequently transportable with less trouble and expense than the more bulky Magic Lanterns. It meets all these requirements, and in addition is a neat and handsomely-finished apparatus.

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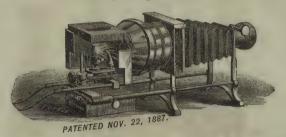
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The above engraving shows a New York Model Magic Lantern, in which the Bi-Unial Lamp has been replaced by an Oxy-Hydrogen Jet.

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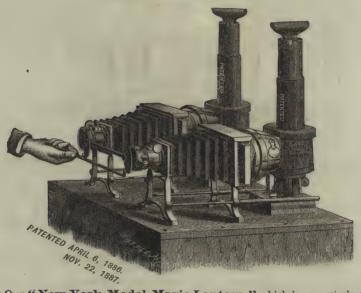
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Each Lantern is enclosed for transportation in its japanned case, and the entire apparatus is packed in a substantial dove-tailed box with lock and handles, the lid being detachable to serve as a platform on which the apparatus rests during exhibition. The bulk and weight being only about one-half that of the ordinary styles, renders this a very desirable Dissolving-View Apparatus.

For all the details of Construction, Lenses, Lamp, etc., our customers are referred to the description of The New York Model Magic Lantern.

### **OXY-HYDROGEN ATTACHMENTS**

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### NEW YORK MODEL

### DISSOLVING-VIEW APPARATUS

Which can be added at any time, without any change in the original construction of the Dissolving-View Apparatus, thus converting it into an Oxy-Hydrogen Stereopticon, and rendering it capable of enlarging the views brilliantly to an area of 25 x 25 feet.

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### CONSISTING OF

- Two Special Model Oxy-Hydrogen Jets, with Hoods to enclose the light. Safety Bottle for each Gas.
- Oxygen Apparatus as follows: Large Copper Retort, best quality, Retort Stand, Spirit Lamp, Purifier, First Quality canvas-lined Gas Bag, 30 × 40 inches area, 20-inch gusset, 55 gallons capacity.
- Hydrogen Apparatus as follows: Copper Generator, best quality, Purifier, First Quality extra large canvas-lined Gas Bag, 30 × 40 inches area, 30-inch gusset, 85 gallons capacity.

Compound Low Pressure Dissolving Key.

Rubber Tubing for Connections.

One Dozen Prepared Limes.

One Charge Chemicals for making Oxygen.

### Oxy-Hydrogen Attachment for using the Condensed Gases from Metal Cylinders ...... \$70.00

CONSISTING OF

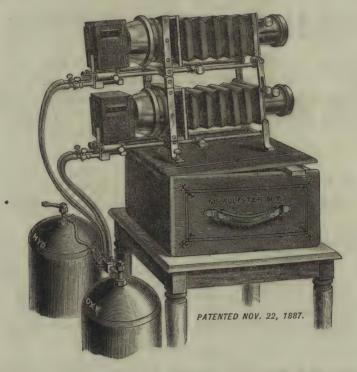
Two Special Model Oxy-Hydrogen Jets, with Hoods to enclose the light.

T. H. McAllister's Patent High Pressure Dissolving Key, the only Perfect Dissolver with Condensed Gases.

Rubber Tubing for Connections.

One Dozen Prepared Limes.

### McAllister's "Metropolitan" Stereopticon.



The above engraving represents the METROPOLITAN STEREOPTICON, resting on its packing case, as it appears when set up for operation with High Pressure Dissolving Key; and also shows the High Pressure Key attached to Cylinders of Condensed Gases.

The "METROPOLITAN" STEREOPTICON is a handsomely finished, compact, and serviceable apparatus, fully equal to any demand of the most critical expert.

It consists of two Lanterns, in which the usual "cases" or "bodies" have been entirely dispensed with; this being one of the peculiarities, and especial advantages of all the styles of our "New Departure Apparatus."

The Lanterns are mounted one above the other, with a free current of air between them; they are hinged together at the rear standards, allowing the necessary elevation or depression requisite to "register" the views on the screen, and with set screws at the front standards by which they can then be locked firmly together.

All the metal work (except the hoods enclosing the jets) is of Brass, handsomely finished and Nickel Plated, thus always presenting an attractive appearance.

A Collapsible Bellows Front replaces the rigid metal or wooden front of the usual styles of Magic Lanterns, allowing full extension necessary for the various powers of the Object Glasses, yet when closed for transportation rendering the instrument extremely portable.

All needless material has been discarded, thereby effecting a great saving in weight, yet the instrument is so perfect in its proportions, and so exact in workmanship, that it is as rigid and firm as the heaviest apparatus that could be made.



The above engraving shows the Metropolitan as packed for shipment in a handsome Leather Covered Case with Lock and Handle. No larger than many of the sample cases carried by commercial travelers; the bulk of the instrument being only 5½x14x14 inches, and the weight only 25½ pounds.

The compactness and light weight of THE METROPOLITAN will commend it to any one who has traveled with an old-fashioned cumbersome apparatus.

The Oxy-Hydrogen Jets are of our finest quality, constructed on patterns which our long experience has proved to be the best, and produce an intense steady white light, without any unpleasant hissing or snapping. The Jets are enclosed in neat Sheet Iron Hoods, connected with the Condensing Lenses by Metallic Cones, thus forcing all the light through the Condensers, and at the same time preventing any from being dispersed over the hall. The Hoods are hinged at the side, allowing easy manipulation of the Lime or Jet. Each Jet is carefully tested before shipping.

The Condensing Lenses are 4% inches diameter, plano-convex, accurately ground, and finely polished; mounted in Brass Cells, with ventilating apertures to prevent formation of moisture,

and fitting securely into a collar supported on a substantial standard.

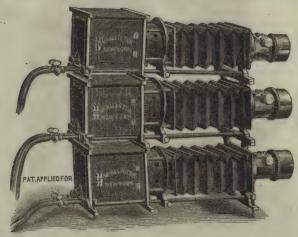
The Object Glasses are Achromatic, well corrected for Chromatic and Spherical aberration, yielding clear, sharp enlargements, free from prismatic color or distortion. There are two sets, each affording two powers, giving in all four grades of Magnifying Power, enabling the views to be enlarged to any dimensions, from 3 feet up to 30 feet, according to the distance the instrument may be placed from the screen; thus making the apparatus available in a small Parlor or Lecture Room, and in the largest Public Hall. These Object Glasses are handsomely mounted in Brass, Nickel Plated, with Rack adjustment for focus, and attached to a Standard which is connected with the rest of the apparatus by Telescopic Rods.

The Metropolitan Stereopticon is accompanied by our Patent High Pressure Dissolving Key; the only Key with which perfect dissolving effects can be obtained from Condensed Gases.

### PRICES.

### McALLISTER'S

### INTERNATIONAL STEREOPTICON.



The INTERNATIONAL, as will be observed by the above engraving, is a TRIPLE OXY-HYDROGEN STEREOPTICON, of entirely different construction from any other Triple Instrument ever made; retaining all their merits, omitting their faults, and adding many points of excellence not possessed by them, thus rendering it the most desirable Triple Stereonticon.

It combines the various advantages of Convenience for Manipulation, Portability and Durability peculiar to our New Departure Apparatus, which need only to be mentioned to receive the full appreciation they deserve.

THE INTERNATIONAL TRIPLE STEREOPTICON consists of Three Lanterns placed one above the other, as shown in the engraving. There is a free current of air between each lantern, and either lantern can be elevated or depressed at pleasure, to cause the views to "register" perfectly on the screen.

With the exception of the Collapsible Bellows Front, the instrument is made entirely of Metal. The Brasswork is handsomely finished and Nickel-plated, and will always preserve a neat and cleanly appearance.

The various parts of the INTERNATIONAL are connected by Telescopic Rods and Tubes; the Hood covering each jet is made of flat metal plates about 5 inches square, fitting in grooves, which when removed for packing, make a thickness of only about one quarter of an inch.



Each Lantern when taken apart for transportation, presents the appearance given in the annexed engraving; the Condensing Lenses, Collapsible Bellows Front, and front and rear Standards being shown in the centre, the Object Glasses to the right, the Metal Plates of the Hood to the left, the Jet and Telescopic Rods, etc., in front,—all occupying a bulk of only 6½ inches high, 6½ inches wide, 5 inches deep. Yet, such is the simplicity and exactness of the mechanical arrangements, that the entire instru-

ment can be put together and set up for operation in five minutes, and cannot then be excelled for stability and firmness; and the separate parts can be detached and packed in the same time.

Each Lantern is complete in itself, and can be used singly; or two can be combined; or the entire three Lanterns, as may be required.

We therefore supply THE INTERNATIONAL in the three forms—TRIPLE, DOUBLE, and SINGLE,—that each customer may have the opportunity of selecting the form that will meet his especial demands.

The Oxy-Hydrogen Jets are of our finest quality, constructed on patterns which our long experience has proved to be the best, and produce an intense, steady, white light, without any unpleasant hissing or snapping.

The Sheet Iron Hoods covering each Jet, are "light tight," forcing all the light through the Condensers, and at the same time preventing any from being dispersed over the hall. A hinged door at the side allows easy manipulation of the Lime or Jet. Each jet is carefully tested before shipping.

The Condensing Lenses are 4% inches diameter, Plano Convex, accurately ground, and finely polished; mounted in Brass Cells with ventilating apertures to prevent formation of moisture, and fitting securely into a collar supported on a substantial Standard.

The Object Glasses are Achromatic, well corrected for Chromatic and Spherical aberration, yielding clear, sharp enlargements free from prismatic color or distortion. There are two sets, each affording two powers, giving in all four grades of magnifying power, enabling the views to be enlarged to any dimensions from 3 feet up to 30 feet, according to the distance the instrument may be placed from the screen, thus making the apparatus available in a small parlor or lecture room, and in the largest public hall. These Object Glasses are handsomely mounted in Brass, Nickel-plated, with Rack adjustment for focus; and attached to a Standard which is connected with the rest of the apparatus by telescopic rods.

The INTERNATIONAL—for using Condensed Gases—in its Triple or Double form—is accompanied by our Patent High Pressure Dissolving Key, the only key with which perfect Dissolving effects can be obtained from the Condensed Gases.

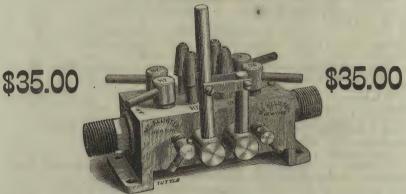
### PRICES of the INTERNATIONAL STEREOPTICON in its VARIOUS FORMS.

THE INTERNATIONAL TRIPLE STEREOPTICON, for using Condensed Gases from Metal Cylinders: Consisting of the Triple Instrument as described above, including Patent High Pressure Dissolving Key specially arranged so as to be used either with two of the lanterns, or with the entire Triple Instrument; weight, 40 pounds; all packed in case 7 x 10 x 23 inches \$380.00

THE INTERNATIONAL DOUBLE STEREOPTICON, for using Condensed Gases from Metal Cylinders: Consisting of Two of the Lanterns as described, with Patent High Pressure Dissolving Key. Weight, 27 pounds; all packed in case 7 x 10 x 17 inches.

### T. H. McALLISTER'S HIGH PRESSURE DISSOLVING KEY.

FOR USING WITH CYLINDERS OF CONDENSED GASES. (Patented Nov. 10th, 1885.)



Price \$35.00, including substantial flexible connections and couplings to each cylinder.

IN our largest cities Oxygen and Hydrogen Gases are made on an extensive scale, and are furnished to consumers in Transcription. and are furnished to consumers in Iron Cylinders into which they have been condensed by powerful steam force pumps, and the Convenience of these Condensed Gases has led to their general adoption in all places where it is possible to obtain them.

But a serious drawback to the employment of condensed gases in operating a Dissolving View Stereopticon, has been the impossibility heretofore experienced of regulating the flow of the gases to each jet so as to yield that uniformity of illumination on which the beauty of "Dissolving" so greatly depends. Owing to the extreme pressure with which the cylinders are charged, the gases rush out with such force that the old-fashioned single plug Dissolving Key cannot control them; though it answers well enough for the comparatively slight pressure used with bags. The result, therefore, of attempting to dissolve condensed gases with the old-fashioned Key, has been a darkening of the picture when the lever of the Key was turned to transfer the gases from one jet to the other; exceedingly unpleasant to the eyes of the audience, and entirely destroying the illusion which is the great charm of "Dissolving Views."

T. H. McAllister's High Pressure Dissolving Key effectually overcomes this difficulty; and, no matter how great the pressure may be on either than the force of the degree of of t

gas, or on both gases, it controls the flow, so that no darkening is perceptible, and the pictures melt one into the other without any difference in the amount of illumination on the screen.

Old operators are well aware of the difficulty of making any two jets work exactly alike, one requiring a different adjustment of the gases from the other; and to do this when using condensed gases with a "single plug" Dissolving Key, is an impossibility. But all this trouble is obviated by T. H. McAllister's High Pressure Dissolving Key, which has independent plugs for each cylinder, and for each jet, allowing free flow, without any possibility of the gases mixing in the Key; with it each jet can be adjusted entirely independent of the other, yet so as to work in harmony with it. This adjustment can all be made hours before the whibition if necessary, and then it will warrely be required at the exhibition if necessary, and then it will merely be required, at the proper moment, to turn on the gases at the cylinders and light up.

### TRIPLE

USING WITH CONDENSED GASES. FOR

\$50.00.

Our Patent High Pressure Dissolving Key for the Two-Lantern O. H. Stereopticon, as illustrated and described on the preceding page, has been subjected to the most severe practical tests, by our most experienced operators, and has proved to accomplish its intention admirably; effecting the dissolving of Condensed Gases without that diminution in the illumination which it had previously been impossible to overcome, and, at the same time, on account of the excellence of the workmanship, its simplicity, and the convenient arrangement of its details, doing its work with certainty; and with ease of manipulation.

The introduction of our International Triple Stereopticon has necessitated a modification in the construction of the High Pressure Key, to render it available for the triple form of Stereop-

ticon, and we have therefore designed the

### TRIPLE HIGH-PRESSURE DISSOLVING KEY,

which, though especially intended to accompany our International Triple Stereopticon, can also be attached to any other Triple Stereopticon. With it the gases can be transferred at will from one of the Lanterns of a Triple Stereopticon to either of the other Lanterns, or when desired a perfect and equal illumination can be sustained in all three Lanterns at the same time; and, if required, the gases can be entirely cut off from the third Lantern, and it can then be used as in a Two-Lantern O. H. Stereopticon.

PRICE. \$50.00.

Including substantial Flexible Connections, and Couplings to each Cylinder.

### CONDENSED CASES.

The use of Oxygen and Hydrogen Gases in a condensed form has been rapidly growing into favor, and the preparation of them is now so firmly established as a special business in all our largest cities, that our customers in many cases find it convenient to use them.

The gases are condensed by powerful steam force pumps into heavy metal cylinders, the smallest in general use holding 12 cubic feet, and the largest 100 cubic feet. Cylinders of 25 feet cubic capacity, about 8 inches diameter, 30 inches long, are of convenient size for ordinary exhibition purposes.

The illustration of our *Metropolitan Stereopticon*, shows two such cylinders of Condensed Gases—one of Oxygen, the other of Hydrogen.

### GELATINE PLATES

FOR TRACING OUTLINE DIAGRAMS.

50 CENTS PER DOZEN.

It occasionally happens that the pictures necessary to illustrate a subject are not to be procured ready made, though engravings which are "just the thing" are to be found in a book, magazine or newspaper; yet, to photograph them on glass and prepare them for Lantern Slides may be impracticable, either because they may be needed for immediate use, or being of temporary interest, would not be worth the expense of photographing. A very simple mode of preparing outline diagrams of such engravings is by tracing them on Gelatine Plates. We have these Gelatine Plates, three and one quarter by four inches, always for sale, fifty cents per dozen (see page 46).

To make an outline diagram, lay one of these Gelatine Plates over the engraving, then go over the outlines with the point of a needle, and scratch them into the surface of the Gelatine; if necessary, shading can be added, and a neat, artistic etching is the result. This is placed between two plates of glass of same size, and introduced in the Lantern, when every scratch and mark will be found to come out on the screen as a well-defined black line.

In this way an instructor can prepare diagrams for class illustration from engravings of Botanical, Astronomical, Geological, or other scientific subjects, sections of Machines, Maps, etc.—and for family amusement, diagrams can in the same way be made from Juvenile Books, etc., thus multiplying the assortment of views at slight expense.

### ARTISTIC GEMS.

Recent additions to our previous large assortment; these are all photographed from fine engravings of interesting and attractive subjects.

Cleopatra before Casar.—Casar having esponsed the cause of Cleopatra was desirous of a personal interview with her, but as it would have been at the risk of her life to come openly, she caused herself to be wrapped in a roll of tapestry, and, as a bale of merchandise, was carried into his apartment. "The Glorious Sorceress of the Nile" then revealed herself, captivating Casar by her charms, and so fascinating him, that he nearly lost his empire and his life, rather than abandon

her charms, and so fascinating him, that he nearly lost his empire and his life, rather than abandon his love for her.

Confidence.—A group of peasant girls, one of whom is relating to the others the story of her love, "all in the strictest confidence." From painting by A. Seifert.

Dream, The.—The Dreamer fancies himself a conqueror on a royal barge, surrounded by forms of beauty in the air and water. Verily, "The unsubstantial fabric of a dream."

Gallant Professor.—An Alpine scene; a learned Professor on a pedestrian tour, while resting for his lunch, invites two Swiss peasant girls to share his repast. From painting by Vautier.

Helping Hand.—This is in general design similar to No. 3, of the Set of Rock of Ages, page 66, showing the figure clinging to the cross as reaching out a "Helping Hand" to rescue a fellow being, and can be advantageously used as a supplementary piece to that Set.

Nubian Master of the Hounds.—From the celebrated picture by the French artist Gérome.

Nubian Slave.—Is also after Gérome.

Nydia, the Blind Girl of Pompeti.—The readers of Bulwer's "Last Days of Pompeti," will be pleased with this beautiful illustration of one of the principal characters in that thrilling romance.

From painting by Bodenhausen.

Pharach's Bearers of Bad Tidings.—The proud oppressor of the Children of Israel reclining on a couch, with his Theban palace in the background. Before him are the dead bodies of those who have, unfortunately for themselves, been Bearers of Bad Tidings to him.

Prayer in the Desert.—At the hour of Prayer, the pious Mahometan has alighted from his camel, and spread his rug on the sands of the desert, and in the attitude of devotion, with his face towards Mecca, exclaims, "Great is Allah, and Mahomet is his Prophet."

Song.—A Rural Scene of Olden Time. A maiden in flowing robes, seated on a bank of flowers beside a gently flowing stream, is listening to the song of her distant lover.

When Johnny Comes Marching Home.—Time, 1865. The cruel war is over, and the soldier returns to his h

The following have been already mentioned in our Bulletins, but we reprint them, that our customers may have a complete list of all our "Artistic Gems" that are not named in Catalogue.

Alone. Alpine Fairy. An Affair of Honor, No. 1. Attack on a Convoy. Averted Duel. Bearer of Dispatches. Between two Ports. Canine Chevalier Bayard.
Christ before Pilate, Munkacsy.
Cobbler. Van Haanen.
Courier of the Desert.
Curfew Bell.
Daring Highway Robbery (child attacked by Geese).
Day of Reckoning. Waller.
Deer in Woodburn Park.
Departure of Fishing Boats.
Departure of the Troops. Fazet.
Disgrace to his Family.
Drop Curtain. Canine Chevalier Bayard. Drop Curtain. Engaged. Festival Night in Venice. Fiancés. Lonstannan. First Attempt. Johnson. Flown.
Forbidden Fruit.
Good Night—Cherubs.

Constellation. Haying Time. Imperial Courier. Joyous Band. King's Highway. Moonshiners, No. 1. · 3.

66

Morning. Kaulbach. Music Lesson. Mute Appeal.
Old Arm Chair.
Only a Shower.
Pegged Down Fishing Match.
Place de la Concorde, Paris. Prisoner. Gérome. Proposal, De Blaas. Return of Fishing Boats. Rivals. Scotland Forever C. Butler. Scratch Pack. Smile and Frown, No. 1. Stampede. Stampede. Steamer at Pier. Auchenbach. Swedish Fairy. Swedish Sisters. Swedish Village Maiden. Temple of Eros. There's Many a Slip, etc. The Toast Three Little Kittens. To my Earthly Home. Kaulbach. Too Late. Twixt Love and Duty.
Two Friends (Scene in the
Crimean War).
Unwelcome Customer. Knaus. Unweicome Custoner. E Village Wedding. Washington's Birth Day. Waterfall. Auchenbach. White Christmas. Wine, Song, and Love. Zoölogical Garden, Paris.

### Historical.

Coronation of Charlemagne. Baptism of Clovis, King of the Franks. Columbus at the Court of Ferdinand and Isabella. Galileo Demonstrating the Truth of his Theory. Galileo before the Inquisition

Henry IV. entering Paris.
Philip Augustus defeats the
Emperor Otto.
Peter the Great Saved by His Mother. mes Watt's First Experi-

ments with Steam.

### Battle of Gettysburg.

Field Hospital Headquarters. Artillery coming into Action.
Gen. Hancock and Staff near
Little Round Top.
Gen. Pickett's Charge.
Gen. Pickett's hand-to-hand Gen. Fight.

Explosion of an Artillery Cais-

son.
Action near the Stone Wall.
Removing those Wounded in
above Action.
Gen. Howard's Position near
Cemetery Hill.
Group of Confederate Prisoners.

### NEW SETS OF DISSOLVING VIEWS.

Finely Colored Photographs, 3 inches diameter.

Good-Night.—2 slides.—No. 1, Girl with Candle; No. 2, Words Good-Night appear..Per Set, \$3.00 Fish Story.—2 slides.—No. 1, Buying the Fish; No. 2, Telling the Story about Catching It. Per Set, 3.00

Policeman's Luck.—2 slides.—No. 1, A Soft Snap; No. 2, A Dead Give Away.......Per Set, 3.00 Bartholdi's Statue of Liberty.—3 slides.—No. 1, Day; No. 2, Night; No. 3, Moonlight..Per Set, 4.50 Brooklyn Bridge.—3 slides. No. 1, Day; No. 2, Night; No. 3, Moonlight........Per Set, 4.50

The following SETS OF VIEWS have been mentioned in editions of our Bulletin which are now out of print:

### THE DRUNKARD'S REFORM.

6 slides. Per Set: Colored, \$9.00; Crayon, \$3.00.

4. He informs his wife of his resolve.5. His sobriety raises him to the position of foreman. He squanders his hard-earned money in drink.
 His child's clothes are ridiculed; his pride is touched.

6. The Happy Home of the Reformed Man. 3. He forms a resolution and leaves the tavern.

This Set supplies what has long been wanted—namely, a Series of Illustrations in which the possibility of reform, even with those who have sunk to the lowest depths, is made evident. A Descriptive Reading accompanies the Set, which forms a pleasantly written Temperance Tale, calculated to attract the attention of all interested in the progress of Temperance Reform.

### "HOME, SWEET HOME."

4 slides. Per Set: Colored, \$6.00; Crayon, \$2.00.

1. "Be it ever so humble. 3. "How sweet 'tis to sit

'Neath a fond father's smile."
4. "To thee I'll return, There's no place like home." 2. "An exile from home, Splendor dazzles in vain." Overburdened with care."

The ballad of "Home, Sweet Home," was written by our countryman, John Howard Payne, in the early part of this century, and these Illustrations give some idea of the style of dress, etc., of the period.

### PORTRAITS OF EMINENT PERSONS.

(Additional to those on Page 60.) In style of Crayon Uncolored Photographs, 50 cents. ored, 3 inches diameter, \$1.50. Fine colored, square, on glass, 84x4 inches, \$2.00. Fine col-

ored, 3 mches diameter, \$1.50. Fine cold Alexander I, Czar of Russia, 1777–1825. Beecher, Henry Ward, 1813–1887. Boyle, Scientist, 1626–1691. Buffon, Naturalist, 1707–1788. Calvin, Theologian, 1508–1564. Cleveland, Mrs. Grover. Cuvier, Naturalist, 1769–1832. Da Vinci, Artist, 1452–1519. Davy. Sir Humphrey, Chemist, 1778–1829. Des Cartes, Mathematician, 1596–1650. De Staël, Madame, Authoress, 1766–1817. Gailleo, Astronomer, 1564–1642. Goethe, Poet, 1749–1832. Harvey, Discoverer of the Circulation of the Blood, 1578–1657.

Kepler, Astronomer, 1571–1680. Knox, Theologian, 1505–1572. La Grange, Mathematician, 1786–1813. La Place, Astronomer, 1749–1827. Linneus, Botanist, 1707–1778. Louis XIV, King of France, 1688–1715. Louis XV, Louis XIV, King of France, 1688-1715.
Louis XV, ""1710-1774.
Newton, Sir Isaac, Scientist, 1642-1727.
Priestley, Discoverer of Oxygen, 1738-1804.
Ray, Botanist, 1629-1705.
Voltaire, Author, 1694-1778.
Watt, Perfecter of the Steam Engine, 1786-1819.
Wesley, Founder of Methodism, 1708-1791.
"Hamilton and Cole, Early Methodists.

### ILLUSTRATIONS OF DICKENS.

(Additional to those on Page 60.) Uncolored Crayon Photographs, 50 cents each. Fine colore Photographs, 3 in, diameter, \$1.50. Fine colored Photographs, on square glass,  $3\frac{1}{4}$ x4 in., \$2.00.

Betsy Trotwood. Bob Crotchet and Tiny Tim. Caleb Plummer and his Daughter

Captain Cuttle. Dick Swiveller and the Mar-

Little Nell and her Grandfather. Micawber. Pecksniff.

Peggotty.
Roger Hiderhood.
The Two Wellers.
Uriah Heap.
Dickens' Empty Chair.
Portrait of Dickens.
Gad's Hill, Exterior. Library. Rochester, Panorama. "Cathedral.

London, Seven Dials 4.6

Lincoln's Inn Field.
Old Curiosity Shop.
London Bridge.
Dickens' Grave, West-66 66 minster Abbey.

Warwick Castle. See also List of London Views in Bulletin No. 4.

### THE CONTESTING YACHTS OF 1887.

Uncolored Crayon Photographs, on glass. 31/4 × 4 inches. 50 cents each. THE THISTLE-The Scotch Yacht. THE VOLUNTEER-The American Yacht.

### PHOTO-DIORAMICS.

Supplementary to the Dioramics on page 72

\$3.00 each.

All the Dioramic Slides we have heretofore supplied have been imported handpaintings, and not delicate enough in finish to present a handsome appearance when highly magnified (especially with lime light illumination), as the unavoidable imperfections of hand-painted slides are then made too apparent to please a critical audience. Our customers are continually requesting really good slides having movements, and to meet this demand we have introduced our "Photo-Dioramics." In these the background, or scene, is, wherever possible, an actual direct Photograph from nature; where the subject does not admit of this the stides are photographed from original sketches made for the purpose, in which the details of the drawing are carefully reproduced. The coloring is done in the most artistic style, and thus the "Photo-Dioramics" have a truth and beauty unapproachable by the old hand-work process of painting the slides.

Bartholdi Liberty Statue, New York Harbor—Steamboats, Ships, etc., passing. White House, Washington, in 1861—Troops passing.
Bull Run Battle Field, 1861—Soldiers and civilians in full retreat. Gettysburg Battle Field, 1863—Artillery moving to the front.
Ice Bridge at Niagara—Tourists crossing the Ice Bridge.
Prairie on Fire (from Sketch)—Horses, Buffalos, Deers, etc., rushing from the fire. Castle of Chillon, Lake Geneva—Latteen rigged Vessels, Boats, etc., passing.
St. Peter's, Rome—Procession of Monks.
Grand Canal, Venice—Gondolas, Boats, etc., passing.
Conflagration of Moscow, 1812, (from Sketch)—Napoleon's army retreating from the city. Ice Bergs in the Atlantic (from Sketch)—Steamships and Sailing Vessels passing.
Vessel on Fire at Sea—Life Boats leaving the Vessel.
New York Bay—Vessels passing out to Sea.

### NEW SET OF DISSOLVING VIEWS.

To meet the wishes of some who desire to produce weird and startling effects, we have designed

"THE CHURCHYARD REVELRY,"

in 3 slides, finely colored.

\$7.50 per set.

Slide No. 1—Represents a Village Church and Churchyard, by day.

"2—The same by Moonlight. By a lever movement to the slide a skeleton raises the top of a tomb near the Church.

top of a tomb near the Church.

3—Illumination of the Church, the hands of the clock in the tower pointing to the midnight hour—"The witching time of night, when churchyards yawn."

This slide has also a lever movement, by which three skeletons arise from graves in the foreground and dance.

\*\*\* The "Dancing Skeleton," page 67, price \$4.00, can be advantageously used in connection with this set of "The Churchyard Revelry."

### THE ROCK OF AGES.

A new set of this popular closing piece, improved and enlarged, forming an attractive series of 10 views.

This is our finest allegorical set and is very popular. PRICES.

Finely Colored, Round, 3 inches diameter .........\$1.50 each view, \$15.00 per set of 10 views. Square, on glass, 3½ by 4 inches.... 2.00 "" 20.00" "

- A rock washed by the agitated waves of the sea.
- A cross appears on the summit of the rock
- rock.
  The sky is darkened and a flash of lightning darts towards the cross.
  The sky brightens and a rainbow appears.
  A female figure, symbolizing christian
  faith, is seen clinging to the cross,
  and reaches out a helping hand to
- rescue a fellow creature from the raging waters.
  6. Salvation by the cross.
- An angelic choir welcomes the ransomed one. 8.
- An angel bearing the crown, the reward of the righteous.

  Triumph of faith and ascension to heaven.
- 10. The celestial city and the heavenly host.
- Note.-Nos. 1, 2, 6, 9 of above constitute the abridged set of four views specified on page
- Nos. 3, 4, 7, 8 can only be made available by means of a Stereopticon or a Dissolving View apparatus.

### AMERICAN SCENERY.

The following are recent additions to our line of "Places of Interest"-Uncolored Photographs, on glass 31/4 x 4 inches. 50 cents each: \$45.00 per hundred.

New York City.

Mills Building, Broad Street. Wall St.—Instantaneous view. Produce Exchange—Interior. Standard Oil Co. Building. Wells Building. Columbia College.

Columbia College.
Florence Apartment House.
The Dakota Flats, Central Park.
Residence of Cornelius Vanderbitt, Esq., 5th Avenue.
Elevated R.R., near the Battery.
Battery, Castle Garden and Bay,
from Field Building.
Bartholdi Statue, Liberty Island.
Public School Building.
Oyster Market.
West Street Traffic and Vehicles
Canal Barges.
Dirt Barges.

Webv.
Canal Barges.
Dirt Barges.
North River Steamer.
North River "Bristol," "
Sound Steamer "Bristol," "
Coean Steamer "Etruria."
"City of Rome,"
"Dining Room.
"Saloon.

New York State Senate Building of 1777, at Kingston, N. Y.

Watkins Glen, N. Y. Entrance to Glen. The Vista.

A Matchless Scene.

Whirlwind Gorge. High Bridge.
Pool of the Nymphs.
Eagle Cliff Falls, in Winter. Heaton Falls, Sentry Falls, Rainbow Falls, Frozen Cascade,

Gettysburg Battle Field and Vicinity.

The Stone Wall. The Stone Wall.
Spangler's Spring.
Wolf's Hill.
Ziegler's Grove.
Gen. Meade's Headquarters.
Jennie Wade's House.
Wheatfield Zook Monument.
Paceh Orchard Wheatherd Zook Monument.
Peach Orchard.
Entrance to National Cemetery.
Scene of Pickett's Charge.
" of Charge of Louisiana
Tigers.
Torrington Road.

Emmetsburg Road. Railroad Cut. Baltimore Street. Carlisle Street. Chambersburg Street.
Monuments to 2nd Mass. and

Monuments to 2nd Mass, and 27th Indiana Reg'ts.
Monuments to 15th Mass, and 27th Penna. Reg'ts.
Monument to 19th Indiana Reg't.
" to 28th Penna. Reg't.
" to 95th Penna. Reg't.
" to 106th Penna. Reg't.
" to 106th Penna. Reg't.
" to 147th Penna. Veteran Reg't.
" to General Reynolds.

Washington City.

House in which Lincoln died. Seward's Residence. Garfield Tablet in R. R. Station. Pennsylvania Avenue. Lafayette Square. Bureau of Printing and Engrav-

ing. Potomac River'at Washington. Inauguration Ceremony, March 4, 1885. President Cleveland taking Oath

of Office.

Dedication Ceremony, Washington Monument.

Alexandria, Va.

Christ Church, in which Washington worshipped. Old Carlisle House.

Charleston after the Earthquake.

Gas Works. Hibernian Hall, King Street. Bird's Oil Warehouse. Ravenel Mansion. Residence on East Bay Street. East Bay Street, looking north. View on Meeting Street. View on Meeting Street.—High Scene on Battery Park.—High Life in Government Tents. Scene on Marion Square—Low Life in all sorts of Tents. Crater at Ten Mile Hill. Wreck of Gen. Minott's Resi-dence, Summerville.

Charleston Express (ox-cart).

Chicago.

La Salle Tunnel. Lumber Exchange. Group Indian Statuary. Grand Pacific Hotel. Grand Pacific Hotel.
Conrt House.
Mich. Cent. R.R. Station.
First Nat. Bank.
Washington Park—Grand Stand
County Hospital.
The Crib, Lake Michigan.
State Street—Palmer House.
Washington Club House.
Lincoln Park—Supt's House. Post Office Stock Yard Entrance. Stock Yard—Interior. Union Depot. Lake Steamer. Residence of Potter Palmer.

Cincinnati.

River and Levees. Inclined R. R., Highland. "Price's Hill. Bellevue.

Public Library. Music Hall. County Prison. Suspension Bridge. Post Office. View "On the Rhine." City Hospital. Court House.

Panorama. Grand Central Depot. Detroit.

City Hall. Soldiers' Memorial and Opera House.

St. Louis.

Humboldt Statue. Broadway. Planters' House. Tower Grove Park, Music Stand. Chamber of Commerce.

State Capitol. Union Depot. Panorama.

Minneapolis.

Suspension Bridge. Union Depot. City Hall.
Pillsbury Flour Mill.
Minnehaha Falls.

Yellowstone Park.

Hayden Valley. Geyser Cave. Mammoth Hot Springs. Old Faithful Geyser. Grand Geyser.

Montana.

Cattle Ranch.
Cattle Grazing.
Ascending the Rockies.

Ancient Cliff Dwellings in Arizona.

A Ruined Cliff House.
A Ruined Cave Town.
Ancient Town of Moqui.
Ruins of the Governor's Cliff
House, Moqui.

Western Scenes.

A Dakota Cow Boy, on his horse. Road Agents attacking a Stage. "Hands up!"

Train entering the Royal Gorge of the Arkansas River, Colorado.

Garden of the Gods, Colorado; side view of the Balanced Rock.

Front View of Balanced Rock. San Francisco, Cliff House and the Golden Gate.

San Francisco, Dupont Street, Chinatown.
San Francisco, Interior of Chinese Theatre.

Southern Scenes.

St. Philips Street, New Orleans. Street View, Thomasville, Ga. Freedman's Family Group. "Log Hut. "Cox Team.

Indian Life.

Chief Geronimo. Navajo Indian. Navajo Indian Boy. Apache Squaw and Cradle. Ute Pappoose.

Lincoln's Early Home. Lincoln's Tomb.

### irant.

In style of FINE COLORED PHOTOGRAPHS.....\$1.50 each. ..... 50c. each. In style of CRAYON PHOTOGRAPHS.....

- Birthplace of Gen. Grant, Point Pleasant, Ohio, April 27, 1822. Lieut. Grant at Chapultepec, 1847.
- 3
- Lieut. Grant at Chapultepec, 1847.
  Capt. Grant leaving his Home at Galena to join the Army, 1861.
  Gen. Grant at Battle of Fort Donelson, 1862.
  Charge of Gen. Grant at Battle of Shiloh, 1862.
  Battle of Pittsburg Landing, (Shiloh, second day) 1862.
  Siege of Vicksburg, 1863.
  Gen. Grant's Triumphal Entry into Vicksburg, July 4, 1863.
  Battle of Lookout Mountain, 1868.
  Battle of the Wilderness, 1864. 1 5 6
- 8

- Battle of Lookout Mountain, 1863.
  Battle of the Wilderness, 1864.
  Gen. Grant on Horseback at the Battle of the Wilderness, 1864.
  Siege of Petersburg, 1864.
  Gen. Grant's Headquarters, Petersburg.
  Surrender of Lee, 1865.
  Portrait of Gen. Grant, 1865.
  Portrait of Gen. R. E. Lee.
- 15
- Presidential Inauguration, 1869.

- U. S. Capitol.

  The White House—Exterior.
  The White House—Interior.
  Pyramid of Egypt, visited by Gen. Grant on his tour around the world, 1878.
  Gen. Grant revising his Memoirs, 1885.
  Cottage at Mt. McGregor—Exterior.
  Cottage at Mt. McGregor—Interior.
  Gen. Grant's Last Ride, 1885.
  The Last Message, 1885.
  Family Group, 1885.
  Deathbed of Gen. Grant, July 23, 1885.
  U. S. Troops Guarding the Cottage.
  Gen. Grant's body lying in State, N. Y.
  City Hall, August 6-7, 1885.
  The Funeral Procession, Aug. 8, 1885.
  The Funeral Car.
  The Tomb, Riverside Park, N. Y,
- 81
- 35
- The Tomb, Riverside Park, N. Y, Allegorical Picture, "Let us have Peace." The Great Triumvirate, Washington,
- 35
- Lincoln, Grant. Portrait of Gen. Grant, 1885. 28

### 

Lincoln, and Secretary of War Stanton, in consultation..... 750\_

; \*\* Many additional illustrations referring to General Grant's movements during the Civil War will be found among the views of U. S. History on page 56, while a very intetesting series, descriptive of his tour around the world, can be selected from our extensive lists of uncolored Photographic Views of "Places of Interest."

### PACIAL DXPRESSIONS.

A new line of humorous slides, of superior execution, showing the play of features under diverse circumstances. These are all Photographed from fine originals and are finished in three styles, as follows:-

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2—A Good Taste.
8—A Good Chop.

4-The Good Glass of Wine

No. 5—The Dose of Medicine.

:—A Pinch of Snuff.
8—Irritation—confound that fly
9—Disgust—a bad piece of salad 10-Dissection - clipping the

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Beulah Land. Bringing in the Sheaves. Birth of Christ. Calm on the Listening Ear of

Night. Children of the Heavenly King.

Coronation. Doxology.

From Greenland's Icy Mountains. Glorious Pilgrimage. Hold the Fort.

Home Again. Jerusalem the Golden. Jesus of Nazareth passeth by. Lord's Prayer. Nearer, my God, to Thee. Ninety and Nine.

Onward, Christian Soldiers. Pull for the Shore. Rescue the Perishing. Ring the Bells of Heaven.

Rock of Ages. Safe in the Arms of Jesus. Sorrow at the Cross. Spacious Firmament on High. Sweet By and By. Sweet Hour of Prayer.

Sweet Hour of Flayer.
Ten Commandments.
The Home over There.
Trusting Pilgrim.
Water of Life.
What a Friend we have in Jesus
What shall the Harvest be?
While Shepherds Watched.
Work for the Night is Coming.

Work, for the Night is Coming.

### Wedding Bells. 10 Views, with Poem. \$5.00.

- And they turned to gaze on 4. But they woke her not, she 7. Why does he totter, then the fair young face.
- And they utiliage was gay for a boliday.

  And the village was gay for a boliday.

  slumbered on.

  Strewing the path of the village street.

  As the bride passes on through the firal bower.

- quicken his pace.
  8. Drink and be merry, merry
- and glad.

  9. In the gloom of night, from the tombstone grey.

  10. The Vision.

### Billy's Rose. Illustrated by Life Models.

- 10 Views, with Poem, by G. R. Sims. \$5.00.
- 1. A vile and filthy alley.
  2. She felt his wasted fingers 2. She lighten.
- 4. A drunken father's curses, and a drunken mother's blows.
  5. I can see them there with Jesus.
  6. He told me that the pretty.
  7. Then she knelt her down and prayed.
  8. Nell frozen with the red Rose in her hand. 3. I can see them there with Jesus.
  - 6. He told me that the pretty name was Rose.
- in her hand.
  9. The Rose fell at Nelly's feet.
- 10. The children meet in heaven.

### Mary, the Maid of the Inn. Illustrated by Life Models.

10 Views, with Poem. \$5.00.

- 1. Who is she? The poor maniac.
  2. She welcomed them in with a smile.
  3. She loved young Richard.
  4. 'Tis pleasant seated by the fireside.
  5. I'll wager a dinner, one cried.
  6. Her way to the Abbey she bent 7. And hastily gathered the floor.
  7. And hastily gathered the floor.
  7. His gibbet is now to be seen.

  - bough.

### The Women of Mumbles Head. Illustrated by Life Models.

8 Views, with Poem. \$4.00.

- . You have sailed your yacht in | 4. But father and sons were fight- | 7. "Come back!" said the three

rudder.

- the summer.
  There was news of a wreck.
  He stood like a man at the following the stood like a man at the following the stood like a man at the following the summer.

  Up at a lighthouse window.
  In the summer.

  Up at a lighthouse window.
- strong soldiers.
  8. They caught and saved a brother alive.

### Kate Malonev. Illustrated by Life Models.

- 6 Views, with Poem, by G. R. Sims. \$3.00. 1. Kate lay nigh dying on the | 3. She scanned the open coun- | 5. Here, O Heaven, let me die. floor. | 6. Still, the peasants show the
- floor.
  2. He was there, he heard him 4. Then she shot the traitor breathing.
- lonely mountain side.

### Curfew Must Not Ring To-night. Illustrated by Life Models.

- 4. "Bessie made a solemn vow."
- 9 Views, with Poem. \$4.50.
- 1. Bessie and the Sexton.
  2. "I've a lover in that prison,"
  3. "Bessie," calmly spoke the Sexton.
  4. "Ressie, medica calcan year."
  5. She sprang within the old Church door.
  6. "She had reached the topmost ladder."
  9. At his feet she tells her story.
  1. Bessie and the Sexton.
  1. "Out she swung, far out."
  1. "A sexton.
  1. "Bessie and the Sexton.
  1. "A sexton.
  1. "A sexton.
  1. "A sexton.
  1. "Bessie and the Sexton.
  1. "A sexton.
  1. "Bessie," calmly spoke the ladder."
  1. "A sexton.
  1. "A sexton.
  1. "Bessie," calmly spoke the ladder."
  1. "A sexton.
  1. "Bessie," calmly spoke the ladder."
  1. "A sexton.
  1. "Bessie," calmly spoke the ladder."
  1. "A sexton.
  1. "Bessie," calmly spoke the ladder."
  1. "Bessie," calm

### Little Jim. the Collier Boy. Illustrated by Life Models.

6 Views, with Lecture. \$3.00.

- 1. The cottage was a thatched | 8. With gentle, trembling haste, | 5. He knew that all was over. one, | 6. His quivering lips gave token.
- one. 2. With hands uplifted, see, she 4. The cottage door was opened. kneels.

### The Gin Fiend. Illustrated by Life Models.

4 Views, with Lecture. \$2.00.

- 1. The Gin Palace.
  - 2. The Suicide. 3. The Murder.
- 4. Turned Out.

### HISTORICAL VIEWS.

Supplementary to those on page 57.

50 cents each, Uncolored Crayon Photographs, on glass, 31 x 4 inches, unframed.

\$1.50 each, Fine Colored, on glass 3 inches diameter, in frame 4 x 7 inches. \$2.00 each, Fine Colored, on glass, 3½ x 4 inches square, uniform in size with the Cravon Photographs: and in Neat Metal Frame.

### FRENCH HISTORY.

Death of a renowned Chief of the Gauls.
Baptism of Clovis, 496.
Charlemagne Crowned Emperor, 800.
Philip Augustus at Bovines, 1214.
Joan of Arc fighting for France, 1429.
Louis XI. demanding Life of Francois.
Francis I. a Prisoner at Madrid, 1525.
Huguenots escaping from the Massacre of St.
Bartholomew, 1572.
Henry III. at Fete of St. Luc.
Assassination of the Duke of Guise, 1588.
Henry IV. enters Paris, 1594.
Henry IV. and La Belle Fosseuse.
Cardinal Richelieu and Cinq Mars.
Anne of Austria showing the Prince to the
Mob, 1651.
Death of Cardinal Mazarin, 1661.

Louis XIV. and La Valliere.
Louis XIV. founds the Hotel des Invalides. Reception of the Great Conde by Louis XIV. Moliere at the Court of Louis XIV.
Louis XV. at the Battle of Fontenoy, 1745.
Voltaire's Last Visit to Paris, 1778.
Rouget de Lisle Chanting the Marseillaise, 1792.
Last Moments of Robespierre, 1794.
Paris during the Reign of Terror.
Girondists on the Way to Execution.
Luxembourg Gardens under the Directory.
Napoleon at Hattle of Bassand.
Napoleon at Battle of Friedland.
Napoleon and Son.
Apotheosis of Napoleon.

### ENGLISH HISTORY.

Princess Elizabeth in Prison at St. James. Shakespeare at the Court of Queen Elizabeth. Surrender of Mary Stuart, 1567. Interview between Mary Stuart and Queen Elizabeth. Elizabeth signing the Death Warrant of Mary Stuart, 1587. Mary Stuart Led to Execution, 1587. Trial of Earl Strafford, 1641. Charles I. at the Battle of Edge Hill, 1642.
Trial of Charles I., 1649.
Charles I. on his way to Execution, 1649.
Cromwell and Family at Hampton Court.
Acquittal of the Seven Bishops, 1688.
Death of Nelson at Trafalgar, 1805.
Battle of Waterloo, 1815.
Balaklava, Return of the Six Hundred, 1854.

Charles V. entering Antwerp.
First Reformers' Protest.
Columbus at the Court of Ferdinand and Isabella.
Escape of the Huguenots.

Baptism of Pocahontas. Franklin at the Court of St. James. Franklin at the French Court. Washington Entering New York.

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light
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Russia. Archangel-House of Peter the Great.

Cathedral. 5.6

Street View.
A Store.
A Peasant's Dwelling. 5.5 66

Russian Drosky Carriage. Russian Dairy Maid and Cow. Russian Peasant and Family, Group of Russian Gypsies.

Brazil.

Street in the City of Para.

Avenue of Palms do.

Hotel do.

Governor's Palace do. Palm Trees on Banks of the Amazon.

Palm Trees on do.
Cactus on do.
Banana Plantation.
An Apny Tree.
Bread Fruit Tree.
Sedan Chair (Calecta).
Slave Woman, with Turban.
With Child on Back.

Slave Straw Hat Maker. An Ant Hill.

Uruguay.

Foundling Hospital, Montevideo.
Patio Hotel de la Pai.
Panadero, or Baker, delivering Bread, Montevideo.

Patagonia.

The Santa Cruz River.
Bluff at the Mouth of Santa Cruz River.

Keel Point, Santa Cruz River. Rocky Coast, Mouth of Santa Cruz River.

West Indies.

Dominica-Government House.

Dominica—Government House.

Boiling Lake.

Carib Kitchen.

Two Old Caribs.

Martinique—The Quay.

Birthplace of Josephine.

Home of Josephine.

Statue of Josephine

A Mulatress.

6.6 An Octoroon. v. 6,6 6.6 A Quadroon. A Mulatto.

Cocoanut Island. Sugar Plantation, Tobago. English Harbor Antigua.

Canada. Montreal-Panorama. River Front.

56. St. Lawrence Steamer. Quebec—Panorama from Point Levi.

"Point Levi from Dufferin Terrace.
"Dufferin Terrace.
"Laval University.
Hamilton—Panorama.

Sleighing Scene. Maple Sugar Camp.

Group of Indians. Iroquois in Canoe.

### CRAYON PHOTOGRAPHS OF COMIC SUBJECTS.

Supplementary to those on page 76.

Uncolored, on glass, 31 x 4 inches, with Protecting Cover glass. 50 cents each.

'Morrow, Paddy! where are you goin' wid the Pigs?'' "Whist! ye divil! They'll hear ye; it's to Cork I'm goin', but its Kinsale they think I'm takin' thim to!" Paddy makin' Love. A Tipperary Boy going a-courtin', little dhramin' that a Kerry Man was there afore

him '

Well, Pat, which will you take, Tea or Whiskey?" "Bedad, I likes the Tay, but it don't agree wid me, so if it's convayment I'll thry the Sperits!

The Rael Convaynience of Single Life—No. 1.
The Onconvaynience of Married Life—No. 2.
Who dare stand on the Tail ov me Coat.
Arkansas Traveller—No. 1.
No. 2.
Approaching Storm—No. 1.
No. 2(struck by cyclone).

Hug me Closer, George.
Thou hast learned to love another.
The Harvest, what shall it be.
Good Bye, Sweet Heart, Good Bye.
The Little Busy Bee, How doth he.
Excellent Hunting for the Indians.

### NEW MECHANICAL SLIDES.

Supplementary to those on page 67.

Ocean Steamer, with Rack Work Movement, showing the Pitching of the Vessel, and the Motion of the Water. Each, \$7.50.

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- 5 Travelling Musician. 6 Pigeon Pie. 7 A Dry Customer.
- 8 Inspired Musicians.
- 9 Signor Blowhard.
  10 Out All Night.
  11 A Tempest in a Beer Pot.
  12 Bumble the Beadle.
- 13 Hans Breitman. 14 Preparing for a Masque-

- rade.
  15 Sir Book.
  16 Lobster Sauce.
  17 Don Quixote.
  18 A Family of Tumblers.
  19 Gulliver and the Liftiputs.
  20 A Full Dress Promenade.
  21 Mark Twain in the Holy Load.
- Land.
- A Big Boar. Bill Posters
- 24 Bicycle Rider. 25 Order of Full Moon.

- 26 The Equestrian. 27 Crowning him. 28 Preparing for Conquest.

- 29 High Art.
  30 French Cook's Ball.
  31 Tea and Gossip.
  32 Chinese Schoolmaster.
- 33 An Artist in China. 34 China Rose. 35 Chinese Mustache
- Waxed.
  36 Chinese Horn Pipe.
  37 Animated Tea Pot.
  38 Bock on the Warpath.

- 39 A Fighting Cock.
  40 A Ramro (a) d.
  41 Gathering Ostrich Feathers.
- 42 Sancho Pansa. 43 A Member of the Ku Klux
- Clan
- 44 The Belle of our Town, from Life.
- 45 Romeo.
- 46 Diogenes.
- 47 Othello, or the Mo (o) re the
- Merrier.
  48 Haytian Doctor.
  49 Beautiful Oil of the Sea.
  50 A Life on the Ocean Wave.

- 1 Mine Host of the Silver | 51 A Sandwhich Island Clam
  - bake.
  - 52 Scratch my Back. 53 High Life in the Cannibal
  - Islands.
  - 54 A perfect Adonis. 55 Bear and For-bear. 56 A Jersey Tramp. 57 Wandering Jews. 58 Apolio Belvidere.

  - Ass me no Questions. Three Graces.

  - Pilgrims of the Rhine.
    The Light of Other Days.
    The Happy Farmer.

  - The Serenade
  - A Penny-a-liner. The Old Sexton.

  - A Five-cent Shave. Wearing of the Black. French Dancing Master, French
  - No. 1.
  - French Dancing Master, No. 2
  - Belle's of the Ball

  - Scotch or Irish (Whiskey). A Waiter at Saratoga-Soup,
  - A Waiter at Saratoga-Game, Sir? A Waiter at Saratoga-
  - 74
  - at Saratoga-

  - Roast, Sir? A Challenge Dance.
  - All Broke up.
    Too much Physic.

  - Checkmate

  - 79 Chekmate.
    80 Spri g Chicken's Year, 1801.
    81 The Gossips.
    82 Fagin the Jew.
    83 A Musical Coffee Grinder.

  - Lord Mayor of London.
  - Major De Boots.
  - Dick Deadeye.
    The Cobbler's Sweat-stone.

  - Japhat in search of a
  - Father.
  - A Swei Glass of Bier. Our Friend from the West.

  - A Travelling Parson.
    A Royal Good Time.
    Off for the las Train.
    Look out for the Locemo-

  - tive
  - He did Trot in 2:20.
  - 96 Our Professor. 97 The Fiend
  - 98 Our Crack Penman.

- 99 Mrs. Mac Sweeney 100 A Pasha of Many Tales. 101 Jacob Faithful.
- Dombey & Son. How Can I Leave Thee.
- 103 104 The Woman in Black.
- 105 A Sleeping Beauty. 106 The Horse Trade. 107 Champion Skater.

- 107 (Tampion Skater.
  108 The Enthusiastic Botanist.
  109 An Intruder.
  110 Midnight Marauder.
  111 The Two Poppies.
  112 Stanley in Africa.
- 113 Courtship in Sleepy Hollow.

- 114 Lion. 115 Elephant. 116 Stag. 117 Horse.
- 117 house 118 Dog. 119 The Racer. 120 Interview with Bony Part. 121 The Grand Trunk. 121 The Grand Trunk.

- 123 Midsummer Night's Dream. 124 The Lone Fisherman. 125 Th Funny Story.
- John Chinaman. The Dancers.
- 127
  - 128 Sportsman—Cocked and Primed.
  - 129 Sportsman—Shooting on the Wing.
  - Sportsman-Dead Shot.
  - 130 Sportsman—Dead Snot.
    131 Higher than a Kite.
    132 Poor Devil on Two Sticks.
    133 End of the Tale.
    134 Visit to the Quack,
    135 The two Orphans.
    136 Paddy and the Pigs.
    137 In his Father's Shoes.

- Eclipsed by the Sun.
  The Light of other Days.
  The Morning Call. 140
- Ghost of a Frog. When shall we three Meet
- 142 Again.
- Again.

  143 How to make Money.

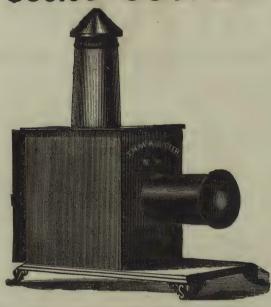
  144 After a Cock Tail.

  145 The tight Boot.

  146 The hanging of the Crane.

  147 Old Clothes Man.
- 148 Street Musician. 149 The Mulligan Guards. 150 All the Style.

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66	66	66		652	65.00
44	46	44		653,	60.00

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  " U. S. History, "
- 18 " " U. S. History, "
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- 1 Geometrical Chromatrope.

### \$50.00 OUTFIT No. 3.

Cabinet Magic Lantern No. 670. Screen, 1st quality, 71 feet square. Combination Carrier No. 711.

### VIEWS.

- 10 Uncolored Photos: Places of Interest, Washington City, with descriptive reading. 66
- 66 66 12 London, 12 66 35 66
- Rome, 24 Comic, with Life-like Motion; colored.
- 2 Fine Colored Photographic, Artistic Gems.
- 12 New Style Silhouettes, Comic. 2 Crayon Mottoes: "Welcome," "Good Night."
- 1 Geometrical Chromatrope.

### \$50.00 OUTFIT No. 4.

Cabinet Magic Lantern No. 670. Screen, 1st quality, 7½ feet square. Combination Carrier No. 711.

### VIEWS.

- 8 Uncolored Photos: Places of Interest, United States, with descriptive reading. 8 " " Foreign, " " "
- 6 Crayon Photos: Illustrations of Dickens' Novels.
- Irish Characters.
- 12 Comic, with Life-like Motion; colored.
- 6 Fine Colored Photographic, Artistic Gems.
- 24 French Slides, colored; Fairy Tales, Comic, etc. 12 New Style Silhouettes, Comic.
- 1 Geometrical Chromatrope.

### \$50.00 OUTFIT No. 5.

Cabinet Magic Lantern No. 670. Screen, 1st quality,  $7\frac{1}{2}$  feet square. Combination Carrier No. 711.

### VIEWS.

- 20 Crayon Photos: Astronomy, with descriptive reading.

  8 " " Old Testament, " "

  8 " " New Testament, " "

  12 " " U. S. History, " "

  8 " " Roman Antiquities, " "

  12 Comic, with Life-like Motion; colored.
- 12 New Style Silhouettes, Comic.

### 1 Good Night Chromatrope.

### \$50.00 OUTFIT No. 6.

Cabinet Magic Lantern No. 670. Screen, 1st quality, 7½ feet square. Combination Carrier No. 711. VIEWS.

12 Uncolored Photos: Places of Interest, United States, with descriptive reading.
12 " " " Ireland, " "
10 " " Switzerland, " "

4 Fine Colored Photographic, Life's Eventful Voyage.
6 "The Ill-fated Ship.

6 Comic, with Life-like Motion; colored.

12 New Style Silhouettes, Comic.
1 Good Night Chromatrope.

### \$50.00 OUTFIT No. 7.

Cabinet Magic Lantern No. 670. Screen, 1st quality,  $7\frac{1}{2}$  feet square. Combination Carrier No. 711. VIEWS.

12 Uncolored Photos: Places of Interest, United States, with descriptive reading.

12 "Foreign,"

12 Uncolored Photos: Places of Interest, United States, with descriptive reading.

12 Crayon Photos: U. S. History, with descriptive reading.

3 " Statuary.

1 Fine Colored Photographic: Portrait of Washington.

12 Comic, with Life-like Motion; colored.

24 French Slides, colored; Fairy Tales, Comic, etc.

12 New Style Silhouettes, Comic.

1 Geometrical Chromatrope.

### \$50.00 OUTFIT No. 8.

Cabinet Magic Lantern No. 670. Screen, 1st quality,  $7\frac{1}{2}$  feet square. Combination Carrier No. 711.

### VIEWS.

- 8 Uncolored Photos: Places of Interest, United States, with descriptive reading.

  8 "Foreign, ""
- 1 Fine Colored Photographic, Washington Crossing the Delaware.

  1 " Portrait General Grant.
- 36 Comic, with Life-like Motion; colored.
- 20 New Style Silhouettes, Comic.

  1 Good Night Chromatrope.

### \$50.00 OUTFIT No. 9.

Cabinet Magic Lantern No. 670. Screen, 1st quality, 7½ feet square. Combination Carrier No. 711.

### VIEWS.

- 12 Crayon Photos: Pilgrim's Progress, with descriptive reading.
- 12 Uncle Tom's Cabin,
- 8 " The Bottle, by Cruikshanks, with descriptive reading.
  4 Fine Colored Photographic: The Way of Salvation. 8
- 24 Comic, with Life-like Motion: colored.
- 20 New Style Silhouettes

### \$50.00 OUTFIT No. 10.

Cabinet Magic Lantern No. 670. Screen, 1st quality, 71 feet square. Combination Carrier No. 711.

### VIEWS.

- 4 Crayon Photos: Visit from Santa Claus; with descriptive poem.
- How Persimmons took care of the Baby; descriptive poem.
- A Leap for Life; descriptive poem.
- 4 Fine Colored Photographic, Artistic Gems.
- 24 Comic, with Life-like Motion; colored. 24 French Slides, colored; Fairy Tales, Comic, etc.
- 12 New Style Silhouettes, Comic.
- 1 Good Night Chromatrope.

### \$50.00 OUTFIT No. 11.

Cabinet Magic Lantern No. 670. Screen, 1st quality, 71 feet square. Combination Carrier No. 711.

### VIEWS.

- 20 Uncolored Photos: Holy Land, with descriptive reading.
- 18 Crayon Photos: Old Testament,
- 18 6.6 New Testament,
- 12 Comic, with Lite-like Motion; colored.
- 12 New Style Silhouettes, Comic.
- 1 Good Night Chromatrope.

### \$50.00 OUTFIT No. 12.

Cabinet Magic Lantern No. 670. Screen, 1st quality,  $7\frac{1}{2}$  feet square. Combination Carrier No. 711.

### VIEWS.

- 60 Uncolored Photos: Places of Interest, embracing views of New York, Washington City, Chicago, San Francisco, Niagara, etc.; also London, Paris, Berlin, Venice, Rome, Constantinople, Jerusalem, etc., etc.; with descriptive lecture.
- 6 Crayon Photos: Statuary
- 10 Comic, with Life-like Motion; colored.
- 12 New Style Silhouettes, Comic.

### **\$25.00 OUTFITS.**

### MEALLISTER,

### Manufacturing Optician, 49 NASSAU STREET.

NEW YORK.

Our Catalogue of Magic Lanterns and Views sent free on application.

The following "\$25.00 OUTFITS" are intended to meet the demand for a cheap outfit of Magic Lanterns and Views, for the amusement of the Family Circle, Exhibitions in Schools, etc.

Full description of the Cabinet Magic Lantern, and detailed Lists of the various styles of Views will be found in our Catalogue.

### **A** \$25.00 OUTFIT.

The Cabinet Magic Lantern.

- 24 Crayon Photographic Views of Old Testament History.
- 6 Crayon Photographic Views, Holy Land.
- I Movable "Good Night" Slide.
- 6 New Style Silhouette Views.

Combination Carrier.

### **B** \$25.00 OUTFIT.

The Cabinet Magic Lantern.

- 16 Crayon Photographic Views, The Life of Christ.
- 10 Crayon Photographic Views, Holy Land.
- I Geometrical Chromatrope.
  - · Combination Carrier.

### C \$25.00 OUTFIT.

The Cabinet Magic Lantern.

- 12 Crayon Photographic Views of Old Testament History.
- 8 Crayon Photographic Views, The Life of Christ.
- 10 Uncolored Views, Holy Land.
- 6 New Style Silhouette Views.

Combination Carrier.

### **D** \$25.00 OUTFIT.

The Cabinet Magic Lantern.

- 18 Crayon Photographic Views of Astronomy, with printed Lecture.
- 12 Crayon Photographic Views of Anatomy, with printed Lecture.
- 12 New Style Silhouette Views.

Combination Carrier.

[OVER]

### **E** \$25.00 OUTFIT.

The Cabinet Magic Lantern.

26 Comic Views, colored, with Life Like Motion.

Combination Carrier.

### F \$25.00 OUTFIT. F

The Cabinet Magic Lantern.

- 6 Crayon Transparencies, Comic.
- 6 " Miscellan-
- 6 Crayon Transparencies, U.S. History
- 6 " Portraits.
- 6 " Statuary.
- Movable "Good Night" Slide.
  New Style Silhouette Views.

Combination Carrier.

### C \$25.00 OUTFIT. C

The Cabinet Magic Lantern.

- 36 French Slides, Comic, Fairy Tales, etc.; each 3½ inches wide, 12 inches long, with numerous figures on each slide
- 6 Uncolored Views, New York City.
- 2 Comic Views, colored, with Life Like Motion.
- 2 New Style Silhouette Views.

Combination Carrier.

### H \$25.00 OUTFIT. H

The Cabinet Magic Lantern.

- 12 French Slides, each 3½ inches wide, 12 inches long; Comic, Fairy Tales, etc.
- 10 Crayon Transparencies, assorted subjects,
- 6 Comic Views, colored, with Life Like Motion.
- I Geometrical Chromatrope.
- 4 New Style Silhouette Views.

Combination Carrier.

### \$25.00 OUTFIT.

The Cabinet Magic Lantern.

- 24 French Slides, each 3½ inches wide, 12 inches long; Comic, Fairy Tales, etc,
- 12 Comic Views, colored, with Life Like Motion.

Combination Carrier.

### J \$25.00 OUTFIT. J The Cabinet Magic Lantern.

12 Crayon Views, Pilgrim's Progress, with reading.

with reading.

12 Crayon Views, Uncle Tom's Cabin,
with reading.

with reading.
6 Comic Views, Colored, with life-like motion.

6 New Style Silhouette Views. Combination Carrier.

### **K** \$25.00 OUTFIT. **K**

The Cabinet Magic Lantern.

- 6 Uncolored Views American Scenery.
  6 "Foreign "
- 6 Comic Views, colored, with Life Like Motion.
- 12 French Slides, each 31 inches wide, 12 inches long; Comic, Fairy Tales, etc.
- 12 New Style Silhouette Views.

Combination Carrier,

### L \$25.00 OUTFIT. L

The Cabinet Magic Lantern.

- 3 Crayon Photographic Views, Portraits.
- 6 Crayon Photographic Views, Comic.
- 6 Uncolored Views, New York City.
- Washington City.
  Niagara.
- 12 French Slides, each 3½ inches wide, 12 inches long; Comic, Fairy Tales, etc.
- I Fine Colored Photographic View, Artistic Gem.
- I Movable "Good Night" Slide.
- 6 New Style Silhouette Views.

Combination Carrier.

[OVER]

### POPULAR STORIES. NURSERY TALES. etc.

In Sets of 12 Slides.

Price, \$4.00 per Set.

On glass slides 3½ inches wide, 12 inches long, with a number of colored pictures on each slide; cheap, and finished in as good style as the subjects warrant; especially adapted for the Cabinet Magic Lantern, or the Phantasmagoria Magic Lanterns.

The Combination Carrier, No. 711, affords the best mode of holding them in position while in the Lantern, allowing them to be passed slowly along, making a series of Panoramic Views on the Sagreon

Screen

The following list comprises the assortment generally on hand:

Robinson Crusoe, 12 slides. Aladdin, or the Wonderful Lamp, 12 slides.

Spanish Bull Fights, 12 slides.

Spanish Bull Fights, 12 slides.

That Plague of a Boy, 12 slides.

Don Quixote, 6 slides, }

Miscellaneous, 6 "

Stop's Fables, 6 slides, }

Miscellaneous, 6 "

Slowing Bulletine, 1 | 1 | 1 | 1 | 1 | 1 |

Miscellaneous, 6 "

Slowing Bulletine, 1 | 1 | 1 |

Miscellaneous, 6 "

Slowing Bulletine, 1 | 1 |

Miscellaneous, 6 "

Slowing Bulletine, 1 | 1 |

Slowing Bulletine, 1 |

Miscellaneous, 6 "

Miscella Sleeping Beauty, 10 slides, Miscellaneous, 2 ' Comic Heads, 12 slides.

Paul and Virginia, 9 slides, 1 Miscellaneous, 3 " Miscellaneous, 4 " {
Cinderella, 8 slides, }
Cinderella, 8 slides, } Cinderella,
Miscellaneous, 4

Jules Verne's Novel, Around the World in 80 Days, 6 slides, Miscellaneous, 6

Rhue Beard, 6 slides, 1 Miscellaneous, 6 " {
Puss in Boots, 6 slides, }
Miscellaneous, 6 " {

Red Riding Hood, 6 slides, 4 Miscellaneous, 6 ", Ali Baba, 6 slides, 4 Ali Baba, 6 Miscellaneous, 6 Hunting Scenes, 6 slides, 1 Miscellaneous, 6 " Animals, 6 slides, 1 Paris, 6 " }
Blue Beard, 3 Cinderella, 3
Red Riding Hood, 3
Hop o'my Thumb, 3 3 slides, Caricatures, 12 slides.

#### **PICTURESQUE** MOTTOES

During the progress of an Entertainment, it is occasionally necessary to give some special information to the audience; and these "PICTURESQUE MOTTOES" are intended to serve the purpose in an impressive and attractive manner. Each consists of a delicately tinted scene, on which the appropriate words are displayed in finely colored ornamental letters.

On square glass, 31/4 by 4 inches, not framed.

Price, \$1.50 each.

Good Night. Buenas Noches. Bon Soir. Gut Nacht. Adieu.

Adios. Welcome. Bien Venido. Willkommen. Silence.

Merry Christmas. Happy New Year.
A Service of Song.
An Intermission of Five Minntes

#### JUMPERS.

3 inches diameter, in frame 4 by 7 inches.

A new Mechanical Slide, in which humorous figures are engaged in the childish sport of imping the Rope." The movement of the Rope, and the jumping of the figure being slibestrated—6 different styles. "Jumping the Rope." The move well illustrated—6 different styles.

#### COLORED SCENERIES.

\$1.80 Each.

\$21.00 Per Dozen.

These "Colored Sceneres" are all choice views, photographed directly from nature, and delicately, yet brilliantly colored, by experienced artists; each on square glass, 344 inches wide, with protecting cover glass, and being uniform in size with our Uncolored Views of "Places of Interest," can be advantageously interspersed with them during an exhibition.

Experience has shown that an entertainment formed exclusively of uncolored views sometimes proves monotonous, while handsomely colored views introduced at intervals during the progress of the illustrations serve to give a pleasant variety, keeping the audience "wide awake," and always on the lookout for a "brilliant picture."

This has induced a demand for our choice "Colored Sceneries," to meet which we keep a large assortment constantly on hand, embracing all the subjects named in our extensive lists of "Places of Interest," and in addition a very large number of new views in the United States, Great Britain, Continental Europe, Asia, Africa, South America, Marine Views, etc., etc.

#### VIEWS COLORED TO ORDER.

Some of our customers, doubtless, have Uncolored Photographic Views of Places of Interest, which would be vastly improved by the addition of color, as referred to above. By sending them to us we can have them colored to order in our Superior Style, at a cost of \$1.25 each,—and not quite so handsomely, yet still producing a fine effect, at \$1.00 each,—and in a cheaper style at 75 cents each. When colored in our Superior Style they are guaranteed to be equal to the finest imported, and are preferred by our customers.

# ★ The "STAR" Assortment of Views.★

### PRICE, \$50.00.

To meet the wishes of numerous customers, we have arranged the following assortment of views well adapted to interest all classes in every community, and which can be used with any of the apparatus in our catalogue.

The assortment consists of our New Lecture Set, "Around the World in 80 Minutes," which, as can be seen by list in Catalogue, embraces illustrations of the grand scenery and prominent buildings in the United States and in foreign lands, accompanied by an original descriptive lecture by Rev. C. R. Treat, of New York; with addition of a selection of Fine Colored Photographic Views, Choice Statuary, etc., to give a pleasing variety to an entertainment—in all 86 views, which we offer at the low price of \$50.00.

### List of VIEWS in the "STAR" Assortment, Price, \$50.00.

61 "Around the World in 80 Minutes,"\* with Lecture.

6 Fine Colored Photographic Views. I Good Night Chromatrope.

6 Choice Statuary.

6 Comic Views, Life-like Motion. 6 Silhouettes, of pleasing and amusing designs.

I Cloud effect.

2 Tinters.

\*Customers have the option of substituting any other 61 Uncolored or Crayon Photographic Views for the set of "Around the World in 80 Minutes," if they prefer to do so.

The Star Assortment of Views, with a good Apparatus, makes an excellent outfit for a lecturer "on the road," as it will be new and interesting to each audience he may appear before on his route, and contains as great a number .. views as can be conveniently shown at one entertainment.

To assist our customers in making choice of a suitable apparatus, we append the cost of the Star Assortment in combination with the various most reliable styles of apparatus of each class.

OXY-HYDROGEN.						
With the Universal\$415.00	0					
" International, Triple	O					
" Double						
" Double						
" Metropolitan 375.00 300.0						
With No. 600 500.00						
602						
" 612						
" 612½ 195.0	0					
OXY-CALCIUM.						
With No 626 205.0	0					
" 635 145.0	0					
BI-UNIAL.						
With the New York Model Dissolving View Apparatus 150.0	0					
" New York Model Magic Lantern	0					
With No. 650 90.0	0					
" 653	0					
CABINET.						
With No. 670 60.0	0					
" 671	0					

### PRICE LIST

OF

# POSTERS & PROGRAMMES

FOR

### EXHIBITIONS.

	Size, 29 by 42 inches.				
On White Paper	\$21.50	per 1000			
On Colored Paper	23.00	66			
Printed in Blue Ink	24.00	- 66			
Printed in Two Colors	35.00	66			
	Size, 14½ by 42 inches.				
	\$10.00	per 1000			
On Colored Paper		66			
Printed in Blue Ink		44			
Printed in Two Colors		"			
	Size, 21 by 28 inches.				
On White Paper	\$10.00	per 1000			
On Colored Paper		66			
Printed in Blue Ink		66			
Printed in Two Colors	17.00	66			
	Size, 10½ by 29 inches.				
On White Paper	\$ 7.50	per 1000			
On Colored Paper	8.00	- 46			
Printed in Blue Ink	9.00	66			
Printed in Two Colors		6.6			
	Size, 7½ by 29 inches.				
On White Paper	\$ 5.50	per 1000			
On Colored Paper	6.00	6.6			
Printed in Blue Ink	7.00	6.6			
Printed in Two Colors	10.00	44			
	Size, 6 by 10 inches.				
On White Paper	\$ 3.00	per 1000			
	3.50	4.6			
	4.00	66			
Printed in Two Colors	6.00	4 6			
We have a large variety of attractive cuts, which can be printed					

We have a large variety of attractive cuts, which can be printed with above if desired, without increase of price.

Admission Tickets, on Colored Cards.....\$1.00 per 100

Cannot print Posters in quantities less than 1000,

### A Guide in the Selection of a Stereopticon or Magic Lantern.

The satisfactory enlargement of the picture projected by a Stereopticon or Magic Lantern depends greatly upon the condensing lenses employed, which vary in several particulars, according to the price of the instrument.

In the cheaper styles, such as the Cabinet Magic Lanterns, Nos. 670, 671, the

price compels the employment of a single condensing lens.

But in all the first-class instruments described in this Catalogue, there are two condensing lenses in each Lantern, which afford a better illumination than is obtained by a single condensing lens. These are double convex in some instruments, and plano convex in others; the latter being superior, yielding more light and diffusing the illumination more uniformly over the entire area.

To illuminate the glass picture, the condenser must, of course, be larger than the picture, and the larger it is (within certain limits), the better will be the illumination. Experience has shown that condensers of 4% inches diameter supply every requisite, and our principal sales are of the instruments having plane con-

vex condensers of that diameter.

The Catalogue gives full particulars concerning the object glasses. It may be added, however, that the Cabinet Magic Lanterns having only one object glass have but one magnifying power; whereas all the higher-priced instruments fitted either with achromatic, or with concavo-convex object glasses, yield more than one power, as explained in the "Tables of Powers" on page 6.

The mode of adjusting the focus of the object glasses is either by a "Sliding Tube" or a "Brass Rack," the latter being much more convenient and accurate.

To exhibit at a glance the special points referred to above, we give below a list of the various instruments of each grade, classified according to the style of the condensers, and the focal adjustment for the object glasses.

First.—Having in each Lantern two Plano Convex Condensers. 4% inches diameter; RACK adjustment for focus.

Oxy-Hydrogen. The International, The Metropolitan, The Universal, Nos. 600, 601, 602, 603½, 604½, 605½, 610, 611, 612½, 614.

Oxv-Calcium, Nos. 620, 625, 626, 630, 635.

T. H. McAllister's Patent Bi-unial Light. The New York Model Dissolving View Apparatus, The New York Model Magic Lantern, Nos. 640, 650.

Second.—Having in each Lantern two Plano Convex Condensers, 41/2 inches diameter; RACK adjustment for focus.

Oxy-Hydrogen, Nos. 603, 604, 605, 612, 613.

Oxy-Calcium, Nos. 621, 622, 627, 628, 631, 632, 636, 637.

T. H. McAllister's Patent Bi-unial Light, Nos. 641, 651.

Argand Gas, Nos. 660, 661.

Third.—Having in each Lantern two Double Convex Condensers, 41/8 inches diameter; SLIDING TUBE adjustment for focus.

Oxy-Calcium, Nos. 623, 624, 633, 634, 638, 639.

T. H. McAllister's Patent Bi-unial Light, Nos. 643, 652.

Fourth.-Having in each Lantern two Double Convex Condensers, 3% inches diameter; SLIDING TUBE adjustment for focus.

T. H. McAllister's Patent Bi-unial Light, Nos. 644, 653.

Argand Gas, No. 662.

Fifth.—Having in each Lantern one Condenser; SLIDING TUBE adjustment for focus.

Cabinet Magic Lanterns, Nos. 670, 671.

# A Profitable Pusiness

A good Magic Lantern or Stereopticon Exhibition is always attractive to additional classes of the community.

In every locality there is an opening for a man to do an excellent business with a Magic Lantern or Stereopticon and an assortment of interesting Views, in giving exhibitions to Sunday Schools, Academies, Lyceums, Public Audiences, Families, etc., etc.

Only make an intelligent public aware of the fact that you are prepared to give such entertainments, and you will have little difficulty in procuring engagements.

The first cost of an outfit is small when compared with the business that can be done, hence offering great inducements to a person with moderate capital.

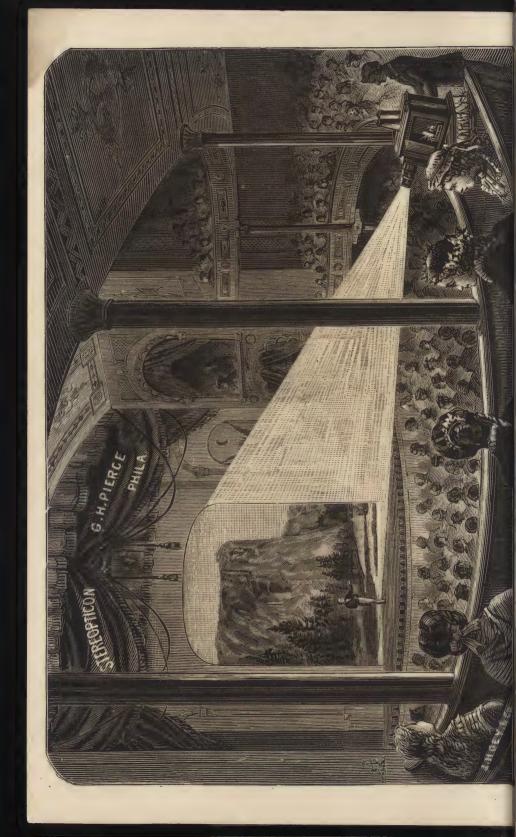
There is no difficulty in learning the working of the apparatus; any one of ordinary intelligence, by following the printed directions in our Catalogue cannot fail to produce the desired results. No heavy labor is demanded, so that persons in delicate health have often succeeded in carrying on the business satisfactorily.

The running expenses are very slight and the profit remunerative, as from \$10.00 to \$50.00 per night is often received by those who use proper means to bring the entertainments before the public.

### GEORGE H. PIERCE,

136 South 11th Street,

PHILADELPHIA, PA.



CHARACTERS IS

# **机尔尼亚拉尔马斯亚克尼纳**

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### MALLEY BURNEY WHEN

A TOROLOGICAL BUTTON WARREST TO THE





# GEORGE H. PIER

130 Smilli villa Stre



### CATALOGUE

O F

# STEREOPTIOONS,

DISSOLVING-VIEW APPARATUS

AND

### WAGIO MANTERNS;

WITH

LIST OF SEVERAL THOUSAND

#### ARTISTICALLY-FINISHED VIEWS

FOR THE ILLUSTRATION OF ALL SUBJECTS OF POPULAR INTEREST.



FIRST

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#### T. H. MCALLISTER,

Of the late firm of McAllister & Bro., Philadelphia, ESTABLISHED 1783.

MANUFACTURING OPTICIAN.

NEW YORK.

FOR SALE BY

## GEORGE H. PIERCE,

SOLE AGENT,

136 South 11th Street,

PHILADELPHIA.

This Catalogue is for Gratuitous Distribution, and is Sent by Mail, on application, Free of Charge.

DECEMBER, 1888.

HE Stereopticons and Magic Lanterns enumerated in this Catalogue, are all manufactured under our personal supervision, are warranted perfect in every particular, and combine numerous improvements suggested by an experience of many years.

Making a specialty of these goods, we have always on hand the largest assortment In the United States, of all grades of price, so as to meet the wants of all classes of

customers.

In the manufacture of the various Magic Lanterns, Stereopticons, and accessory apparatus, durability and simplicity have been especially studied. Nothing is complicated, and the printed directions give all the information required to enable any one, anywhere, to set up and operate any of the instruments.

Instruments of our manufacture are in successful operation in every State and Territory in the Union, and in various foreign countries; and have received diplomas and medals from the American Institute of the City of New York, the Brooklyn

Industrial Institute, and the U.S. Centennial Exhibition.

An exhibition of a Stereopticon or Magic Lantern will be given without charge,

during business hours, to parties desirous of purchasing.

The principal points of superiority in our instruments are generally specified in the description of each apparatus; we would, however, call attention to the following

as especially deserving the notice of customers:

1st. OUR SLIDE SPRING AND STOP. This arrangement was invented by us several years since, has been fully tested, is highly approved by all who have used it, AND IS ONLY FOUND IN THE APPARATUS OF OUR MAKE. It holds the View firmly in the central line of the Lenges, at the same time levelling it; and the View can be placed in the Lantern with one hand instead of requiring both hands, as is necessary with the Magic Lanterns of other manufacture. In producing the Dissolving Views, it is invaluable, causing the Pictures to "register" properly upon the Screen. It often happens that two succeeding scenes in a set of Dissolving Views differ very slightly from each other. In such a case, it is very important that they should "the succeeding scenes in the such a case, it is very important that they should be succeeded by the succeeding scenes in the such a case, it is very important that they should be succeeded by the succeeding scenes in the succeeding scene in the succeeding scenes in the succeeding scene "register" one with another; that is, occupy the same place on the Screen, and our SLIDE SPRING and STOP is the easiest and best mode of attaining this object, and heightens greatly the mystery which, to the uninitiated, is always inseparable from an exhibition of Dissolving Views.

The Gas Bags supplied with our Oxy-Hydrogen and 2nd. OUR GAS BAGS. Oxy-Calcium instruments are of very superior quality, and will outlast three or four

of the ordinary Rubber Bags.

They are made expressly to our order, of the best quality India Rubber; lined with heavy canvas duck on both the outer and inner surfaces, which serves as a protection from injury, and also prevents the surfaces from sticking together in warm climates. The Bags are of wedge shape, the cock being at the large end, which is much more convenient than when at the small end, as in the common Bags. These Bags have frequently been tested with a pressure of 1,000 pounds.

3d. OUR COMBINATION CARRIERS. (See illustrations Nos. 711, 712, of Catalogue.) Nothing has tended so much to popularize the uncolored Crayon Pho-

tographs on square glass as the Combination Carriers.

The expense of framing each of the above Views separately is obviated, and the Carriers carry and centre the square Views of either French, English or American make

OUR ASSORTMENT OF VIEWS is the largest in the country, embracing a great many Views not named in the Catalogue; and constant additions of novelties are being made to the stock, so that we can supply an outfit illustrating any subject of popular interest. In addition to our own, we can furnish Views from any list of other makers, American or foreign.

In ordering Views our customers would consult their interests by leaving the selection of them somewhat to us; as our long experience will frequently enable us to make a better selection than would be possible with a person entirely unacquainted

with the character of the Views.

Special Views made to order at short notice.

Views can be safely sent by mail.

#### OUR GOODS ARE ALL NEW. WE HAVE NO CLD STOCK.

#### INTRODUCTORY.

The origin of the Magic Lantern, like that of so many other inventions, is involved in considerable doubt; from obscure passages in some old authors, it has been claimed that the instrument was known to the ancients, and that the priests of the Egyptians employed it to heighten the mysteries of their religion. The first authentic account of it, however, goes back about 300 years, and though it was then a very rude and primitive affair, its revelations appeared marvelous to the uneducated audiences of those times, who bestowed on the wonderful instrument the fitting name of MAGIC LANTERN.

"No other optical instrument has ever caused so much wonderment and delight." For centuries it was regarded as a mere toy for the amusement of children, but in time, its capabilities as a means of education and intelligent entertainment were recognized, and men of science interested themselves in improving the character of the apparatus and the necessary views; and as a result, the Magic Lantern has been raised to the position of a scientific instrument, of vast service in the instruction of youth, and the entertainment of the family circle, or as a beautiful and refining recre

ative exhibition to an intelligent audience.

When two Magic Lanterns, illuminated with the Oxy-Hydrogen or the Oxy-Calcium light are combined, the instrument is called THE STEREOPTICON, and is used principally for enlarging Photographic views of Natural Scenery. These views being "Sun Pictures," are correct in every detail of light, shade and perspective, and when brilliantly illuminated and properly magnified, stand out on the screen with an almost Stereoscopic effect. The use of the Steropticon is not confined to this class of views, as any other of the views enumerated in this catalogue can be admirably shown with it.

The perfected Magic Lantern or Stereopticon is, in the principle of its construction, identical with the Magic Lantern of our childhood, but so improved and elaborated, as to be adapted to the production of the most beautiful effects of light and shade, form and color. By its aid the most delicately painted picture of the artist can be projected upon the canvass, in all its original glow of beauty, with often the added effect of realty of life and motion. Besides, the most fairy-like transformations can be produced, so that the beholder may easily imagine himself in the palace of the

enchanter.

The instrument administers not only to the pleasures of the eye and the imagination, but is a valuable adjunct in popularizing science, and increasing our knowledge of the world. IN THE EDUCATION OF YOUTH the value of pictorial illustrations is accepted as the most efficient mode of fixing ideas in the mind, particularly when attained by the medium of the Magic Lantern, as, all surrounding objects being excluded, the attention of the student can be concentrated on the one point illustrated by the picture on the screen. The large assortment of views now attainable will enable a skillful instructor to illustrate before a class many subjects which have heretofore been impossible to explain, except orally; and thus, to convey many lessons of vital importance in a most forcible manner, while the fascinating character of the exhibition will give a charm to what would otherwise be considered a "dry lecture." The value of the Magic Lantern for the above purposes is acknowledged by all who have tested it. A gentleman at the head of one of the largest institutions in the country, in which a Stereopticon of our make is constantly used, writes thus: "AFTER THE STEREOPTICON, THE BLACKBOARD SEEMS ALMOST GOOD FOR NOTHING. I WONDER

HOW WE HAVE MANAGED SO LONG WITHOUT IT,
The Magic Lantern has proved very serviceable in INSTITUTIONS FOR THE
TREATMENT OF THE INSANE, as by its means the patients are amused and
interested, and their minds turned in to new channels of thought. Dr. Kirkbride, of the Pennsylvania Hospital for Insan, says: "No Institution can well afford to

BE WITHOUT A LANTERN AND GOOD ASSORTMENT OF SLIDES"

MASONIC AND OTHER LODGES, and various secret societies have adopted it, as the most efficient, attractive and economical means of illustrating their rituals. This Catalogue contains lists of views for the demonstration of the work of several

organizations, and other desired views can readily be made to order.

As a PARLOR ENTERTAINMENT for the amusement of private families nothing excels the Magic Lantern. "Who does not recall the mute wonder AND DELIGHT WITH WHICH, IN COMPANY WITH OTHER JUVENILES, HE WITNESSED FOR

THE FIRST TIME THE MYSTERIES OF THE MAGIC LANTERN."

DVERTISING STEREOPTICONS have proved very popular and lucrative when properly managed. One of our first-class Oxy-Hydrogen Stereopticons was sold to the Eric Railway Co. for this purpose, and was for a long time in successful operation nightly, in the open air, at the corner of Broadway and Twenty-third St., opposite the Fitth Avenue Hotel. Business cards of the advertisers, prepared as Magic Lantern Slides, being thrown upon the canvas, highly magnified and brilliantly illuminated, interspersed with local views, artistic and comic pictures, cannot fail to attract the gaze of the crowds nightly promenading the streets of any city or town. Each advertisement being shown separately makes a much more lasting impression than when glanced at in a newspaper.

There is no form of POPULAR ENTERTAINMENT that pays so well on the amount invested, and the running expenses of which are as slight; when judiciously conducted it is a remunerative and pleasant business, and offers great inducements

to a man with moderate capital.

Photography has proved a valuable agent in developing the resources of the instrument, and is extensively applied to the economical production of transparencies for the Magic Lantern, which besides being faithful representations, are beautiful works of art. There are no subjects, however intricate, that may not thus be readily illustrated, as will be seen by examining the detailed lists of views enumerated in this Catalogue; in which illustrations of the choicest works of art, travels and voyages, history and science, Scriptural scenes, portraits of prominent persons, etc., etc.,

will be found appropriately classified.

While the character of the illustrations has thus improved, and has driven out the miserable paintings formerly made, the optical and mechanical portions of the apparatus have correspondingly advanced, so that more perfect effects can be obtained than with the old-fashioned Lanterns, and at the same time with far more

convenience and ease to the operator.

A Magic Lantern consists essentially of :-1st, a source of light; 2d, a case to

enclose the light; 3d, Condensing Lenses; 4th, Object Glasses. 1st. THE LIGHT. The best light that can be practically and satisfactorily used in a Magic Lantern is the Oxy-Hydrogen, otherwise known as the "Drummond," the "Calcium," and the "Lime" light. This brilliant light was invented by the late Prof. Hare, of the University of Pennsylvania, and is produced by the ignition of lime in a compound flame of Oxygen and Hydrogen gases. The rays proceeding from it are very intense and of a dazzling whiteness, and will magnify the views to the size of twenty-five to thirty feet diameter, according to the character of the Lenses employed, and is adapted for Halls of any size. The methods of making the Gases, and of manipulating the Jets in all the forms of Oxy-Hydrogen Apparatus in this Catalogue, are so simple, that any one can be sure of success by following the printed directions furnished. (See apparatus Nos. 600 to 614, and Jets Nos. 705, 706.) Various attempts have been made to substitute some other equally intense illumination, but all have proved failures when subjected to the test of practical experience; among these may be named the Magnesium light, the Zirconium light, etc. The Electric light is impracticable for Magic Lantern use; it is not a steady light as the Oxy-Hydrogen, but flickers, owing to the unequal consumption of the carbon points, and the most economical manner of obtaining it now employed requires the aid of a pow-

erful Steam Engine.

YThe Oxy-Calcium is a modification of the Oxy-Hydrogen light, yielding a fine light, though of less intensity. There are two patterns of jets for producing this light; in the Jet No. 702 of this Catalogue a stream of Oxygen passes through an Alcohol flame to a cylinder of Lime; but in the improved form, No. 703, the Jet is connected with a Gas Fixture by a piece of rubber tubing, and House Gas is burned instead of Alcohol, the stream of Oxygen being passed through it. The Oxy-Calcium light will magnify ne views handsomely of any desired size up to fifteen feet diameter, and is admirably adapted for use in medium-sized Halls and Churches. (See Apparatus Nos.

620 to 639.)

In many cases, however, a sufficiently powerful illumination can be obtained with Kerosene Oil, in a properly constructed Lamp. As none of the ordinary forms of Lamps yielded the necessary intensity of illumination, we have, after a long series of experiments, devised our NEW BI-UNIAL LAMP, which has proved superior to any other form of Oil Lamp for Magic Lantern use, and has given universal satisfaction to our customers, magnifying the views to eight feet in Our aim has been to combine intensity of illumination with simplicity of construction, and durability; and WE CAN CONFIDENTLY RECOMMEND THE BI-UNIAL AS BEING SUPERIOR IN ALL THESE IMPORTANT PARTICULARS TO ANY OIL LAMP HERETOFORE USED FOR MAGIC LANTERN ILLUMINATION. (The Biunial is supplied with our various styles of Apparatus from Nos. 640 to 653.)

An Argand Gas Burner, connected with a gas fixture by a piece of rubber tubing, is sometimes used in a Magic Lantern but does not afford a light equal to that

of the BI-UNIAL LAMP. (See Apparatus Nos. 660 to 662.)

2d. THE CASE. A case is required to enclose the Jet or Lamp, to prevent the light from spreading over the Hall, and thereby detracting from the brilliancy of the picture on the screen. In our finest forms of apparatus the cases are of well-seasoned mahogany; of substantial japanned tin in the other styles. In every instance the cases are made with large, well-ventilated air chambers, so as not to become unduly and uncomfortably heated, which is sure to happen when Lanterns are made too small, as all exhibitors can testify who have "broiled" over a so-called "Compact" Lantern, in which, in addition to the discomfort to the operator, there is a risk of breaking the Condensing Lenses by the confined heat. In all apparatus of our manufacture the air chamber is utilized in transportation, as the Jet, or Lamp, Chimney, Lantern front, Object Glasses, etc., are packed within it. Each case is made with a large door at side and back, so as to afford every facility for adjusting the light, etc.

3d. THE CONDENSING LENSES serve to condense the rays of light upon the transparent picture, which is placed close to them; and at the same time converges the rays so as to cause them to pass through the Object Glasses to the screen. illuminate properly, the Condensing Lenses must of course be larger than the transparent picture. In former days, when all Magic Lantern pictures were painted by hand, and were often necessarily of large size, the Condensers were sometimes obliged to be eight, ten, or even twelve inches diameter. Photography, however, has done away with the necessity of making the slides so large, and consequently the Condensing Lenses need not be made of the dimensions formerly employed. The standard size now adopted for Photographic Lantern slides is three inches diameter, and experience has shown that Condensing Lenses of four and five-eighth inches diameter at the farthest supply every demand. The finest instruments described in this Catalogue are furnished with double condensers of that diameter, while in some of the other grades of instruments, Condensers of smaller diameter are employed. A combination of two Plano-Convex Condensing Lenses has been found to yield the best results. The Catalogue gives also a line of Lanterns fitted with Double Convex Condensing Lenses, two in each Lantern, and in the cheapest form of Exhibition Lanterns (Nos. 670, 671), there is but one Condensing Lens. Triple Condensers have been proposed, but have been found to yield no advantages commensurate with their increased cost.

In all the instruments noted in this Catalogue, especial care has peen bestowed to have the Condensing Lenses made of the clearest glass, free from any imperfections,

accurately ground and polished, and properly mounted.

4th. THE OBJECT GLASSES. The Object Glasses of a Magic Lantern are mounted in front of the transparent glass picture, which being illuminated by the aid of the Condensing Lenses, is magnified and projected upon the Screen by the Object Glasses. However brill antly the transparency may be illuminated, it will not be truly transmitted to the screen if the Object Glasses are not correct in material, form and focus. If the glass of which they are made is not clear, the image on the screen will be obscure; if the curves of the lenses are not accurately ground, and the surfaces are not highly polished, the magnified picture will be presented with indefiniteness and distortion; and if the lenses are not of proper focus, the view will not be magnified to the desired dimensions.

In the finest instruments specified in this Catalogue, the Object Glasses are ACHROMATIC; each Glass being a combination of a Convex Lens of Crown, with a



Concave Lens of Flint, as shown in the annexed diagram. An "Achromatic" Object Glass presents the picture on the screen clear and sharply defined, free from any blurred outline of prismatic colors. The great advantage of Achromatic Object Glasses is especially noticed with the Uncolored Views of Statuary, Architecture, Natural Scenery, etc., while they lend an additional charm

to the finely Colored Photographic Views. In the Stereopticons and Phantasmagoria Magic Lanterns not fitted with Achromatic Lenses, the Object Glasses are a combination of Concavo Convex Lenses made of the best Crown glass, accurately ground and polished, and giving results approaching as nearly as possible to those produced by the Achromatic

Object Glasses.

Magnifying Powers. The dimensions of the magnified picture produced by any Object Glass will depend upon the distance between the apparatus and the screen—the greater the distance, the larger the picture; and as the position of the apparatus will vary according to the size and proportions of a building, it is sometimes necessary to place the apparatus near the screen, and at other times further off; for instance at the extreme end of a Hall, Theatre, or Church, in the rear of the audience. An Object Glass which will make a picture of proper size at short range, will make entirely too large a picture at long range. It is therefore very range, will make entirely too large a potent a tangent and desirable to have an apparatus with different magnifying powers, one or the other of which can be used as the occasion may demand. The advantage of an apparatus thus arranged will be appreciated by any one who has used a Magic Lantern furnished with only one Magnifying Power of Short Range, with which it is necessary to be always near the screen to produce the picture of proper size, thus frequently obstructing the view of the audience, and detracting very much from the beauty of the exhibition.

All the Stereopticons and Phantasmagoria Magic Lanterns specified in this Catalogue, are supplied with Object Glasses giving various powers, the results of which are given approximately on the annexed "Tables of Powers."

#### Achromatic Object Glasses.

Distance of Screen from Apparatus.	Size of Picture with High Power.	Size of Picture with Low Power.
10 Feet. 20 '1 30 '4	5 Feet. 10 '' 15 ''	3 Feet. 6 " 9 "
40 ** 50 ** 60 **	25 " 30 "	15 "

\*\*\* Our "UNIVERSAL," "METROPOLITAN" and "INTERNATIONAL" Stereopticons, and Nos. 600, 601, 610, 611, 625 have also two additional powers lower than the above, and therefore allowing the instruments to be used at a longer range.

#### Concavo-Convex Object Glasses.

Distance of Screen from Apparatus.	Size of Picture with High Power.	Size of Picture with Medium Power.	Size of Picture with Low Power.
10 Feet.	6 Feet.	5 Feet. 10 "	3 Feet.
30 " 40 " 50 "	24 " 30 "	15 " 20 " 25 "	12 " 15 "

In our cheapest form of Exhibition Lantern, see Nos. 670, 671, the low price compels the employment of a single Object Glass, which is a double Convex Lens of the best Crown glass, accurately ground and polished; making a picture of 5 feet diameter, when the apparatus is about 10 feet from the screen.

ADJUSTMENT OF FOCUS. To make the details of the Picture on the Screen sharp and well defined, the Object Glasses must be moved in or out very gradually, or "focussed," until the desired result is obtained. In the cheaper instruments, this is accomplished by moving the Tubes by hand; but all the finer instruments are provided with a Rack work controlled by large milled Head, which is far more accurate and convenient than the Sliding-Tube Adjustment.

#### VIEWS.

This Catalogue contains an extensive list of Views, to which additions are being constantly made; giving an assortment illustrating all subjects of popular interest, and graded in price a cording to the style of finish. The Views are of a uniform size, and can be shown in any Magic Lantern having Condensing Lenses over 3 inches diameter.

THE FINELY COLORED PHOTOGRAPHIC VIEWS, leave nothing to be desired as regards Artistic Finish.

These are carefully photographed on glass from fine engravings or original drawings, and delicately colored by experienced artists with the most appropriate tints. The coloring is by a peculiar process, which gives extreme brilliancy and perfect transparency, without any mark of the artist's brush, or any thick body of varnish so often seen in the old style of hand painted views. The pictures seem as it were to be incorporated in the glass, and can be magnified to any extent with all the original brilliancy and transparency; they are not affected by extremes of heat or cold, and can even be immersed in water for any length of time without injury. This style of View is especially adapted for the illustration of Historical, Scriptural, Artistic, and Scientific subjects; also for the production of "Sets of Dissolving Views," a large list of which will be found in this Catalogue. These Dissolving Views cannot be used in a Single Magic Lantern, requiring a "Dissolving View Apparatus," or a Stereopticon to yiel I the desired results, and always constitute a most attractive exhibition. The novel effect of "dissolving" one city into another—New York into London, London into Paris, Paris into Rome, etc., the exterior of a building into the interior of the same building, changing a smiling summer landscape to a snowy winter scene, etc., and all in so gradual a mauner as always to leave a picture before the audience—produces a magical effect that never fails to please.

THE UNCOLORED PHOTOGRAPHIC VIEWS of world renowned places of interest, are valuable as being truthful representations, of well known buildings, monuments, or natural scenery. Great additions have recently been made to the assortment, from which views can be readily selected calculated to give an audience a perfect idea of the scenery, architecture, etc., of any portion of our own country or of foreign lands.

An exhibition of this class of views, by the aid of an Oxy-Hydrogen Apparatus accompanied by appropriate explanatory remarks, is always attractive. The necessary descriptions need not be lengthy, and can be drawn up by consulting the proper "Guide Books" and "Gazetteers." "WLLSON'S LANTERN JOURNEYS," in three volumes, price \$2.00 per volume, contain entertaining and authentic accounts of over 1,900 views; the volumes are sold separately or together, and are invaluable, having been compiled expressly for the use of exhibitors.

To relieve a lecturer from the labor of preparing the necessary descriptions for a collection of views, we furnish a series of carefully selected sets with a printed lecture accompanying each set. ATTENTION IS ESPECIALLY CALLED TO THE LIST OF THESE "LECTURE SETS."

Illustrations of Statuary stand out from the canvas with the solidity and purity of the marble, and when shown on a delicately colored back ground supplied by a "Tinter," produce a charming effect. Any of the "Colored Photographic Views" can also be furnished in the style of Uncolored or "Crayon" Photos, besides which we have always on hand a large line of miscellaneous subjects, comic, etc., in the Crayon style. These Uncolored or "Crayon" Photographic Views are each on, square glass three and one-quarter inches wide, and can be usedconveniently in any Stereopticon or Magic Lantern, by the medium of the Combination Carriers, Nos 711, 712, of this Catalogue.

VIEWS WITH MECHANICAL MOVEMENTS are supplied in great variety, embracing Scientific subjects, Comic, etc., and are always interesting, especially to the younger portion of an audience. A set of Astronomical Slides, in which the movements of the Heavenly bodies are imitated by rack work, is an excellent addition to a popular Lecture on Astronomy, and the Transformation Comic Slides, Dioramic Slides, Revolving Slides, Chromatropes, etc., tend very much to enliven whibition.

#### HINTS TO INTENDING PURCHASERS.

With a good outfit, properly brought to the attention of the public, an intelligent, active man can conduct a profitable business.

In the selection of an Outfit, the assortment of Views, and the style of apparatus.

will be governed by the intention and means of the purchaser.

To constitute a good assortment of Views for an evening's exhibition will require not less than fifty Views; if desired for a public entertainment, such Views must be selected as will be calculated to demand the attention of the people, attract them to the performance, and MAKE IT PAY.

The assortment of Views will depend, to a considerable extent, upon the section of country designed to be operated in, and the character of the audience particularly

desired to be drawn together.

Thus, many Views which will be very attractive to an Eastern audience, will not prove so interesting to an audience in the Western or Southern States. For a SUN-DAY SCHOOL, the majority of the Views should illustrate the events of Bible History which the scholars have been studying, or with which they may be familiar. For an ACADEMY or LYCEUM, Scientific Views should form the greater part of the programme. For a general PUBLIC AUDIENCE, or for a PARLOR ENTERTAINMENT, an assortment of well selected miscellaneous Views, gems of Modern and Ancient Art, Statuary, Stereographs of Natural Scenery, etc. The beautiful sets of Views well called "Dissolving Views," yielding effects which appear incomprehensible and almost magical to the uninitiated, are always popular, on account of their possessing that element of mystery in which mankind always delights. The gradual change of a scene from summer to winter—the falling of snow upon the scene—the introduction of figures into a landscape—a vision, where an instant before there was a clear sky, etc., etc.; all have a mysterious character when seen by those unacquainted with the working of the apparatus. There is no form of Popular Entertainment, which combines so much that is attractive to a refined audience -being at the same time intellectual, pleasing and instructive—as a "Dissolving View Art Entertainment." The Views principally chosen for such an exhibition are the choice uncolored Photographic Views of renowned scenery, or Buildings of Historic, or other interest, Statuary, etc. The audience can in imagination be carried to distant scenes, and behold the art treasures of the world, the buildings or localities which have become famous either on account of their intrinsic beauty, or of important historical events with which they may be associated. London, Paris, Rome, Egypt, The Holy Land, etc., may thus be visited, and a better idea of the scenes conveyed to the mind than could be obtained by reading many books of travel.

This Catalogue contains an extended list of suitable views; and our "LECTURE SETS" are admirably adapted for the purpose, as the accompanying printed Lectures supply the description of each view ready at hand. The Finely Colored Photographic Views, Transformation Comic Slides, etc., can be judiciously interspersed to make a more varied programme; and some fine allegorical or patriotic pieces such as "The Rock of Ages," or "Washington Crossing the Delaware," etc., etc., would make a

fitting close for the entertainment.

In large cities, an entertainment will often prove popular if the views are confined to the illustration of some one department of Art, Science, History or Travels; but for a traveling exhibition, it has been found better to form the programme by a judicious mingling of different styles of views, having a combination ranging from "grave to gay;" so that all classes of the community can come, with a certainty of seeing something adapted to the comprehension of every one in the hall.

And to give variety and life to any exhibition, there must be a choice selection of the comic Views, particularly those with mechanical effects, and one or more of the beautiful Chromatropes or artificial fireworks, will serve to close the performance brilliantly, and to leave a pleasing impression upon the memory of the audience.

The explanatory remarks should be brief and to the point; - the views generally require little explanation—and people usually come to these exhibitions to be instructed and an used by what they see, and not by what they hear; a good anecdote, however, brought in at the right moment, will always be appreciated, and will keep the audience in good spirits, induce them to come again and bring their friends. and thus MAKE IT PAY.

To give strictly first class entertainments in cities and large towns, one of our OXY-HYDROGEN STEREOPTICONS will be found to be the most complete apparatus for the purpose-being well made in every respect, convenient in arrangement, and free from complication; fitted with the best Lenses and the most powerful light, capable of enlarging the Views up to twenty-five to thirty-five feet diameter. (See Apparatus Nos. 600 to 614.)

\*\*\* For \$25.00 extra, either of the Oxy-Hydrogen Stereopticons can be supplied with two Oxy-Calcium Jets No. 703, and two Bi-unial Oil Lamps and Dissolver. Thus allowing the apparatus to be converted at will into an Oxy-Hydrogen Stereopticon, or a Bi-unial Dissolving View Apparatus.

\*\*\* For \$13.00 extra, either of the Oxy-Hydrogen Magic Lanterns can be supplied with an Oxy-Calcium Jet No. 703, and Bi-unial Oil Lamp; thus allowing the apparatus to be converted at will into an Oxy-Hydrogen Magic Lantern, an Oxy-Calcium Magic Lantern, or a Phantasmagoria Magic Lantern.

The OXY-CALCIUM LIGHT is the next in intensity, and the Catalogue presents various styles of apparatus in which that light is employed, capable of enlarging the Views to fifteen feet diameter. The Oxy Calcium, particularly that with the "House Gas Attachment," is admirably adapted for exhibitions in Halls and Churches of medium capacity, Drawing-Room Entertainments, Lodge (See Apparatus Nos. 620 to 639.)

\*\*\* For \$12.00 extra, either of the Oxy-Calcium Stereopticons can be supplied with two Bi-unial Oil Lamps, and Dissolver; thus allowing the apparatus to be converted at will into an Oxy-Calcium Stereopticon. or a Bi-unial Dissolving View Apparatus.

\*\*\* For \$5.00 extra, either of the Oxy-Calcium Magic Lanterns can be supplied with a Bi-unial Oil Lamp; thus allowing the apparatus to be converted at will into an Oxy-Calcium Magic Lantern, or a Phantasmagoria Magic Lantern.

THE DISSOLVING VIEW APPARATUS AND PHANTASMAGORIA MAGIC LANTERNS WITH BI-UNIAL LAMP, will make a highly satisfactory picture up to eight feet diameter, and will be found suitable for use in small halls, Sunday school rooms, societies, family amusements, etc. (See Apparatus Nos. 640 to 653.)

THE PARLOR MAGIC LANTERNS are designed especially for use in residences where a connection can be made with a gas burner, and an exhibition for the younger members of the family got up at a moment's notice · secret societies have also found them very serviceable. (See Nos. 660 to 662.)

THE CABINET MAGIC LANTERN is the cheapest form of Exhibition Lantern in the market, and has been very popular with those who wish an economical outfit. The "\$50.00 OUTFITS" and the "\$25.00 OUTFITS" described in this Catalogue, have met the demand for a good cheap outfit, and have given excellent satisfaction. Nos. 670, 671.)

The "Dissolving Views" require for their production a pair of "Dissolving View Lanterns" or a "Stereopticon," but many pretty effects can also be produced by a Single Magic Lantern with great simplicity and ease; for instance, by holding a piece of delicately tinted glass in front of the object glasses of a Magic Lantern, an entire change is produced upon the picture on the screen, giving it a color corresponding with the tint of the glass; and by the exercise of a little taste in selection of the colors employed, a variety of delicate transformations may thus be produced a blue glass will give the effect of moonlight, a light red glass will cast a sunset glow over the picture, and so on. Statuary, also, can be colored by the use of these "tinters."

An exhibitor must be careful to have the apparatus always in perfect condition and the views arranged in the order in which they are to be shown; so, that in t dark, the hand can be immediately placed upon the required slider. He must nevbe in a hurry, and the audience must not be allowed to come too close to the apparatus, for some inquisitive intermeddler will be sure to make confusion by disarranging the views, and thus mar the beauty of the exhibition.

### OXY-HYDROGEN STEREOPTICON



### OXY-HYDROGEN STEREOPTICONS.

No. 600.

### First Premium Oxy-Hydrogen Stereopticon.

Consisting of two Lanterns of finely-finished and well-seasoned kiln-dried mahogany with double metal tops; each fitteen inches long, eleven inches wide, eleven inches high; hinged Door at back and also at side of each Lantern; the front of each Lantern removable at pleasure to accommodate accessory apparatus for chemical or scientific experiments; mounted on elevated mahogany Platform, with lateral and vertical Movements for each Lantern; T. H. McAllister's Slide Spring and Stop; Indicator for pointing out to the audience any particular part of the view; first-quality plano-convex Condensing-Lenses, 45% unches diameter, mounted in brass; Extra-quality large-size Achromatic Object Glasses, giving four different magnifying powers, free from chromatic or spherical aberration; Rack-work Adjustment for focussing; first-quality Oxy-hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing; copper Hydrogen Generator, with Purifier and india-rubber Tubing; extra-large (30x40x30 inches area, 85 gallons capacity) canvas-lined india-rubber Gas-Bag for Oxygen; extra-large (30x40x30 inches area, 85 gallons capacity) canvas-lined india-rubber Gas-Bag for Hydrogen; blue and red glass Tinters; one-dozen prepared Lime Cylinders; one charge Chemicals for making oxygen. All the metal work of this Stereopticon is finished with heavy nickel plate, and therefore, not tarnished by use or exposure, and always presenting a handsome appearance. This instrument is made throughout in the very best manner; is adapted for use in the largest halls, and will magnify the Views of any desired size up to thirty-five feet square (1,225 square feet of surface), with fine definition and powerful illumination. Securely packed in two strong packing cases with hinged lids, locks and handles.



The annexed engraving will illustrate the construction of No. 600, the side of one Lantern being cut away to show the interior.

A-Condensing Lenses.

B-Object Glasses.

C—Dissolving Key to transfer the gases from one Lantern to the other.

D—Elevating Screw to elevate Back of each Lantern.

E-Elevating Screw to elevate Front of each Lantern.

F—Safety Bottle for Hydrogen.

G-- " for Oxygen.

H-Air Chamber for ventilation.

### McAllister's "Universal" Stereopticon.

The "UNIVERSAL" is a new pattern, of most improved construction, giving many advantages over any other form of Oxy-Hydrogen Stereopticon for general exhibition purposes, as well as for Colleges, Public Institutions, etc.



The UNIVERSAL

The above engraving represents the "UNIVERSAL" when set up with the Lanterns side by side, showing the general form of the apparatus, separable platform with the safety bottles, packing case, etc.

The only Oxy-Hydrogen Stereopticon in which the Lanterns can be placed either

side by side, or one above the other, or can be separated and used singly.

The only "2-Story" Stereopticon which can be operated at will from either the Right Hand, or the Left Hand side.

The only "2-Story" Stereopticon in which there is a free current of air between

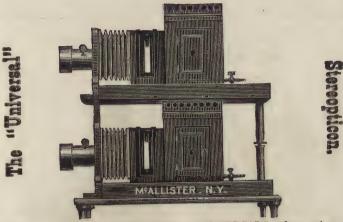
the Lanterns, so as to prevent the upper Lantern from becoming unduly heated.
In this "2-Story" Stereopticon the ENTIRE upper Lantern can be depressed or elevated;—(in other makes, generally the Front only, carrying the Object Glasses, can be depressed or elevated, the light from the Jet consequently being thrown out of line).

In addition to the above points of excellence, the "UNIVERSAL" combines various other advantages, among which may be mentioned the following:

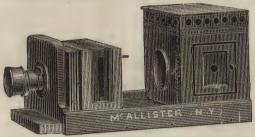
THE BELLOWS EXTENSION FRONT, allowing Object Glasses of any range

of Focus to be used, without dispersing the light over the Hall.
REMOVABLE FRONT. The Bellows Extens on Front can be removed in a moment, so as to admit Vertical Attachment No. 680, Microscopic Attachment No. 681, or any other piece of apparatus for Scientific experiments.

The Lantern bodies are extremely compact, but being thoroughly ventilated, do not become so warm as to be uncomfortable to the operator.



The above engraving represents the "UNIVERSAL" when set up as a 2-Story" Stereopticon, showing the Bellows Front, Ventilating Apertures, etc.



The above engraving represents one of the Lanterns detached to use as a Single Lantern—showing the mode of detaching the Front from the Body of the Lantern, for use of Vertical Attachment No. 680, or any other accessory for Scientific experiments.

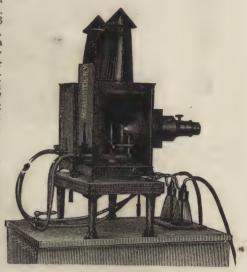
McAllister's UNIVERSAL Stereopticon consists of 2 Lantern Bodies of Mahogany, 7½ inches long, 7½ inches wide, 12½ inches high, outside measure; each body lined with Metal on inside, with double Metal top thoroughly perforated for ventilation; Bellows front with extension admitting of Object Glasses of any length of focus, the front removable for accommodation of accessory apparatus for Scientific experiments; mounted on elevated mahogany platform as shown in engraving; Slide Spring and Stop; Indicator for directing the attention of the audience to the details of the View; first quality Plano-Convex Condensing Lenses, 4½ inches diameter, mounted in Brass; extra quality Achromatic Object Glasses, giving four varities of magnifying power, with Rack work adjustment for focus; first quality Oxy-Hydrogen Jets, platina tipped, with elevating and clamping Screws for Jets and also for Lime Cylinders; Safety Bottle for each Gas; compound Dissolving Key; Copper Oxygen Retort with Stand, Spirit Lamp and Purifier; Oxygen Gas Bag, extra large size (85 gallons capacity), of first quality India Rubber, canvas lined; Copper Hydrogen Generator with Purifier; Hydrogen Gas Bag, extra large size (85 gallons capacity), of first quality India Rubber, canvas lined; Blue and Red Glass Tinters; one dozen prepared Lime Cylinders; one charge Chemicals for making Oxygen. Securely packed in two strong packing cases with hinged lids. locks and handles, - \$365 00

<sup>\*</sup>The Compound Key is especially designed for use with bags, while our Patent High Pressure Key (see description on colored sheet), is the only Key by which the perfection of Dissolving Effects can be obtained with the gases condensed, in cylinders.

#### No. 601.

### Oxy-Hydrogen Stereopticon.

Consisting of two Japanned Lanterns, extra heavy material, each 10 by 8 inches square, 16 inches high; hinged door at side, and sliding door at back of each Lantern; mounted on mahogany Platform, with elevating screw for each Lantern; first quality Planoconvex Condensing Lenses, 45% inches diameter; Extra quality large-size Achromatic Object Classes, giving four different magnifying powers, free from chromatic or spherical aberration, with Rack-work for focussing; T. H. McAllister's Slide Spring and Stop; first-quality Oxy-hydrogen Tets, platina tipped, to burn the mixed gases, with elevating and clamping screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Oxygen Retort, with stand, Argand Spirit Lamp, Purifier and india-rubber Tubing; copper Hydrogen Generator, with Purifier and india-



#### No. 602.

### Oxy-Hydrogen Stereopticon.

Consisting of two Japanned Lanterns, each ten by eight inches square, sixteen inches high; hinged Door at side, and sliding Door at back of each Lantern; mounted on mahogany Platform; first-quality plano-convex Condensing Lenses, 4% inches diameter; first-quality achromatic object Glasses, giving High and Low-power Combinations; brass Rack-work Adjustment for focusing; T. H. McAllister's Slide Spring and Stop; first-quality Oxy-hydrogen Jets. tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissloving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Oxygen Gas-Bag (30x40x20 inches area, 55 gallons capacity); copper Hydrogen Gas-Bag (30x40x30 inches area, 55 gallons capacity); one dozen prepared Lime Cylinders; one charge Chemicals for oxygen. This instrument will magnify the Views brilliantly of any desired size up to thirty feet. Securely packed in substantial dovetailed packing case, with hinged lid, lock and handle. \$225.00.

#### No. 603.

### Oxy-Hydrogen Stereopticon.

#### No. 603%.

### Oxy-Hydrogen Stereopticon.

Same dimensions, accessories, and magnifying powers as No. 603; but with Condensing Lenses 4% inches diameter, by which a superior illumination is obtained......\$210.00

#### No. 604.

### Oxy-Hydrogen Stereopticon.

Consisting of two Japanned Lanterns, each ten by eight inches square, sixteen inches high; hinged Door at side, and sliding Door at back of each Lantern; first quality plano-convex Condensing Lenses, 4½ inches diameter; concavo-convex Object Glasses, High, Medium and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; first quality Oxy-hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; improved Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and India-rubber Tubing, and canvas-lined Oxygen Gas-Bag (30x40x20 inches area, 55 gallons capacity); copper Hydrogen Generator, with Purifier and India-rubber Tubing, and canvas-lined Hydrogen Gas-Bag (30x40x30 inches area, 85 gallons capacity); one dozen prepared Lime Cylinders; one charge Chemicals for oxygen. Securely packed in substantial, dovetailed packing case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant; this lid serves as a platform for the Apparatus, the Dissolving Key being permanently attached to the inner side.

\$175.00

#### No. 604%.

### Oxy-Hydrogen Stereopticon.

Same dimensions, accessories, and magnifying powers as No. 604; but with Condensing Lenses 4% inches diameter, by which a superior illumination is obtained......\$185.00

### OXY-HYDROGEN MAGIC LANTERNS.

#### No. 610. Oxy-Hydrogen Magic Premium Lantern.

Consisting of Lantern of finely finished and well seasoned kiln dried mahogany, with metal top; fifteen inches long, eleven inches wide, eleven inches high; hinged Door at back and side: the front removable at pleasure to accommodate accessory apparatus for chemical or scientific experiments: monnted on elevated mahogany Platform, with lateral and vertical Movement to Lantern; first quality plano-convex Condensing Lenses. 45% inches diameter, mounted in brass; Extra Quality Large Size Achromatic Object Classes, giving four different magni-



Oxy-Hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screw for Jet, and also for the Lime Cylinder; Safety Bottle for each gas; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and India-Rubber Tubing, and extra-large canvas-lined india-rubber Oxygen Gas-Bag, (30x40x30 inches area, 85 gallons capacity); copper Hydrogen Generator, with Purifier and India-Rubber Tubing, and extra-large canvas-lined india-rubber Hydrogen Gas-Bag, (30x40x30 inches area, 85 gallons capacity); one dozen prepared Lime Cylinders; one charge Chemicals for making Oxygen. All the metal work of this Lantern is finished with heavy nickel plate, and therefore, not tarnished by use or exposure, and always presenting a handsome appearance. Securely packed in substantial, 

#### No. 611. Oxy-Hydrogen Magic Lantern.

Consisting of Japanned Lantern, extra heavy material, ten by eight inches square, sixteen inches high; hinged Door at side and Sliding Door at back; mounted on mahogany platform; first quality, plano convex Condensing Lenses 4% inches diameter; extra large size Achromatic Object Glasses, giving four different magnifying powers, free from Chromatic or Spherical aberration, with Rack-work adjustment for focussing; T. H. McAllister's Slide Spring and Stop; first quality Oxy-Hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screw for Jet, and also for the Lime Cylinder; Safety Bottle for each Gas; clamping Screw for Jet, and also for the Lime Cylinder; Safety Bottle for each Gas; copper OxygenRetort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing; copper Hydrogen Generator, with Purifier and india-rubber Tubing; extra large (30x40x30 inches area, 85 gallons capacity), canvas-lined india-rubber Gas Bag, for Oxygen; extra large (30x40x30 inches area, 85 gallons capacity), canvas-lined india-rubber Gas-Bag for Hydrogen; blue and red glass Tinters; one lozen prepared Lime Cylinders; one charge Chemicals for making Oxygen. Sectively packed in substantial dovetailed packing case, with hinged lid, lock and handles handles....

#### No. 612.

### Oxy-Hydrogen Magic Lantern.

#### No. 6121/2.

### Oxy-Hydrogen Magic Lantern.

Same dimensions, accessories, and magnifying powers as No. 612; but with Condensing Lenses 4% inches diameter, by which a superior illumination is obtained......\$145.00

#### No. 613.

### Oxy-Hydrogen Magic Lantern.

#### No. 6131/2.

### Oxy-Hydrogen Magic Lantern.

Same dimensions, accessories, and magnifying powers as No. 613; but with Condensing Lenses 4\% inches diameter, by which a superior illumination is obtained.....\$135.00

#### No. 614.

### "The College" Magic Lantern.

Consisting of Mahogany Lantern, eleven inches long, eleven inches high, eight inches wide, with metal top; hinged Door at back and side; on raised mahogany Platform, fourteen inches wide, twenty-four inches long; allowing in front of the Lantern a table twelve by fourteen inches for the accommodation of accessory apparatus in illustrating experiments in optics, chemistry, etc.; plauo-convex Condensing Lenses, 4½ inches diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations, mounted on brass Pillar, which can be immediately removed for accessory apparatus; Rack-work Adjustment for focus; horizontal and vertical Stages; Mirrors to reflect the image; glass Tanks for fluids; first quality Oxy-hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each gas; one dozen prepared lime Cylinders. All the metal work of this Lantern is finished with heavy nickel plate. The vertical attachment makes it particularly desirable as an educational apparatus for exhibiting experiments with fluids...\$ 175.00

The COLLEGE MAGIC LANTERN can be supplied with Gas-Bags and Apparatus for making the Gases, if desired, at an extra cost of \$80.00.

### Instructions for the Oxy-Hydrogen Stereopticons.



Oxygen Gas Bag

Purifier.

Retort

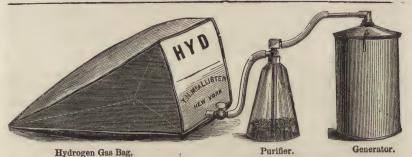
#### TO PREPARE THE OXYGEN GAS.

First blow through all the Pipes and connections, so as to satisfy yourself that there is nothing to obstruct the free passage of the Gas; also examine the Retort to see that it is clean and dry. Place in the Retort eighteen ounces Chlorate of Potash in a coarse powder, and six ounces Black Oxide of Manganese (the addition of the Black Oxide of Manganese enables the Chlorate of Potash to give off the Oxygen at a lower temperature). Shake the Retort that the ingredients may be well mixed.

Pour into the Glass Purifier sufficient water to cover the end of the brass Tube about half an inch, as shown in the above illustration, and fit the Tube into the opening at the top of the Purifier. This Tube is connected by the india-rubber tube with the longer metal Tube, which you now fit into the top of the Retort. Press them, and the Fittings will be completely gas-tight. Light the Spirit Lamp under the Retort, and in a few minutes bubbles of Gas will come up through the Water in the Purifier; and the Purifier is now to be connected with the Gas Bag by the india-rubber Tube, as shown in the illustration. If the Gas comes over too violently, remove the Lamp, and replace it when the flow of Gas becomes more moderate, and keep it under the Retort until the bubbles of Gas cease to come over. Then turn the Cock at the Bag and detach the Bag from the Purifier; next, remove the metal Tube from the Purifier, and last of all remove the Spirit Lamp.

When the Retort has cooled down, wash out the residuum in it, and stand it upside down, that it may be dry before it is used again, as it is absolutely necessary that there shall be no moisture in the Retort while the Gas is being made. The Tubes connecting the Retort and the purifier must be occasionally washed out, as some of the fine dust of the Chemicals, which is carried over with the Gas, lodges in the Tubes and obstructs the passage of the Gas.

Failures sometimes occur from using impure Chemicals. To test them, pour a small portion of the mixed Chemicals in an iron spoon, and hold it over a Spirit Lamp. If the materials are not good, an explosion will occur, and a whitish mass with red spots will be left in the spoon; but if they are pure, there will be no explosion and the melted mixture will soon dry up, leaving a dark gray residuum. To accommodate my customers with good Chemicals, I purchase the ingredients direct from the importers, warranted pure, and have them put up ready mixed, in packages containing each one charge, making enough Oxygen for an evening's exhibition. Price: 50 cents per package; \$5 00 per dozen.



#### TO PREPARE THE HYDROGEN GAS.

For this purpose a generator is furnished with the apparatus, consisting of an outer copper Tank, with an inner copper Drum. This Drum has a perforated false bottom, and in the top of it is screwed a brass Tube. Withdraw the copper Drum, remove the false bottom, and place within the Drum any convenient quantity of Zinc in small pieces, then replace the false bottom, and the Zinc will be retained.

Pour in the outer copper Tank about two quarts of Water, and add to that about one pound of Sulphuric Acid (common Oil of Vitriol), Stir the mixture with a stick and let it stand from fifteen to twenty minutes, that the acid may be thoroughly and uniformly diluted. Replace the copper Drum in the Tank, securing it in position by the Clamping Rods. Pour into the Purifier sufficient Water to cover the end of the brass Tube about half an inch, as shown in the above illustration. Connect the top opening of the Purifier with the Generator, and the side opening with the Gas Bag, by means of the flexible Tubes. Turn on the Cock at the Bag. The Gas will now begin to pass over, and can be seen bubbling up through the Water in the Purifier, and the process will continue until the Bag is full, or until the materials in the Generator are exhausted. After having made the Gas, shut off the Cock at the Bag and detach the Purifier. Remove the inner copper Drum and wash it and the Zinc with clean Water. Empty the Acid from the copper Tank. If it is fresh, pour it into a bottle for future use; but if it is not fresh, it is better to throw it away than to run the risk of a failure from poor Acid. Wash the Tank with clean Water.

It is recommended to make the Hydrogen in the open air, to avoid damage to clothing.

or furniture from the spilling of the Acid, which is almost unavoidable.

The Gas furnished by the public gas works answers equally as well as pure Hydrogen Gas. Therefore, in cities and towns where there are Gas Works, the manufacture of Hydrogen can be dispensed with, and the Hydrogen Gas Bag can be filled by making connection between the Bag and gas burner, with a piece of the indiarubber Tubing.

### To Operate the Oxy-Hydrogen Stereopticons.

The apparatus must be at a proper distance from the Screen to produce the views of the desired dimensions (see table on page 6, having the lenses, as nearly as possible, on a level with the centre of the Screen. The Condensing Lenses and Object Glasses must be carefully cleaned, previous to each exhibition. Place the Lanterns on the Platform, each on its own Pivot. Set the Safety Bottles in their Sockets, having proper quantity of water in each. Place the Oxy-Hydrogen Jets in the Lanterns with a cylinder of good, hard Lime in the Lime Carrier of each. On the floor in front of the apparatus, place the Gas Bags, each under its Pressure Board.

On the Oxygen Bag ther should be about two hundred and fifty pounds weight, and the same on the Hydrogen if House Gas is used; if, however, pure Hydrogen (made from Zinc and Sulphuric Acid) is used, there should be from one hundred and fifty to two hundred hundred pounds weight on the Hydrogen. The

best way to provide the weights for a traveling exhibition is to procure good stout bags, such as are used for grain or salt, and carry these along with the apparatus, and fill them with dirt or sand, which can be thrown out at the close of the performance,

and the bags packed up with the apparatus.

With the long, flexible Tube marked HYD, connect the Hydrogen Bag with the top opening of the Hydrogen Safety Bottle, then connect the side opening of the same with the Dissolving Key, and that again with the Cock of each Jet marked H. (The Hydrogen is always the outside Stop Cock of each Jet; the Oxygen is always the inside Stop C & of each Jet. All the flexible Tubes which form the Hydrogen connections are distinctly marked HYD, at each end). With the long, flexible Tube marked OXY, connect the Oxygen Bag with the top opening of the Oxygen Safety Bottle, then connect the side opening of the same with the Dissolving Key, and that again with the Cock of each Jet marked O (All the flexible Tubes which form the Oxygen connections are distinctly marked OXY at each end). Turn the Cock at each Bag, and also the Cocks at the Jets full head on, and set the Lever of the Dissolving Key so as to send the Gases equally to each Jet. If the Pipes are all clear and unobstructed, and the weights on the Bags are correctly adjusted, the the Gases will be seen bubbling up, with equal force, through the Water in each of the Safety Bottles. Move the Lever of the Dissolving Key from side to side, and notice if the bubbles in each of the Safety Bottles continue to come up without interruption. If there is any interruption, the Tubes must be detached and examined, as well as the Jets, to ascertain where the obstruction is, and to remove the Allow the Gases to pass through in this way for half or about one minute, so as to expel all the atmospheric air from the Tubes Then stop the Gases at each Jet, and turn on a little Hydrogen to each Jet, by the Cocks marked H, and light it with a match as it issues from the Jet. Allow the Hydrogen to burn thus for about two minutes, that the Lime Cylinders may be gradually heated up. (The Lime Cylinders generally require to be about one-eighth of an inch from the Jet, but this will vary with different samples of Lime. The Lime Carriers, therefore, are mounted on a Sliding Bar with Clamping and Elevating Screws for ease of adjustment). Move the Lever of the Dissolving Key to the right until it is stopped by the Pin. This will send almost all the flow of each Gas to the Jet in the right-hand Lantern, thus reducing the flame in the left-hand Lantern to a small size—merely enough to keep up the flow. Next, turn on very gradually the Oxygen to the Jet in the right-hand Lantern, by the Cock attached thereto marked O, and then increase the flow of each gas very gradually until the light is brilliant and dazzling. To obtain this, requires the Gases to be very delicately proportioned to each other—too much either of Oxygen or of Hydrogen will reduce the intensity of the light and waste Gas When the light is perfect, there will be scarcely any flame visible, but the front surface of the Lime Cylinder will be of such a dazzling brightness that waste Gas that the eye cannot look directly at it without injury. Never look, therefore, at the lime itself, but observe its reflection in the Condensing Lens and its condition can be seen exactly. Always follow this rule. Then move the Lever of the Dissolving Key to the extreme left, and adjust the Jet in the left-hand Lantern, in the same way as directed above. Place a View in the left-hand Lantern and adjust the Focus. Move the Jet back and forth from the Condensing Lenses, and slide it up and down on the Rod until the Picture on the Screen is evenly illuminated, then secure it by the Clamping Screw. Move the Lever of the Dissolving Key, and transfer the Gases to the Jet in the right-hand Lantern, Place a View in the right-hand Lantern, and adust the Focus, and adjust the Jet as directed above. Turn the Lever of the Dissolving Key half way, and each Picture will be seen on the Screen. Move the Lanterns on the Pivots in front, so as to bring both Pictures on the same space, or make them "register." Then, by moving the Lever of the Dissolving Key from one side to the other, thereby transferring the Gases from one Jet to the other, the Pictures will beautifully dissolve one into the other—one will fade away and the other replace it on the Screen in a manner which never fails to astonish and delight the audience. While a picture in one Lantern is before the audience, and the explanation of it

While a picture in one Lantern is before the audience, and the explanation of it is being made, quietly withdraw the View from the other Lantern, and replace it by another, and dissolve by moving the Lever of the Dissolving Key. To show Statuary upon a colored ground, place a colored Tinter in one Lantern, which will produce a colored Screen, then place a statuary Slide in the other Lantern, move the Lever of the Dissolving Key half way, and the Statuary will appear on the col-

Ore Ackground, and can be slowly dissolved out in the same way. The Lime Cynnuer must be turned occasionally during the exhibition, to present a new surface, and the proportions of the Gases will require adjusting every now and then.

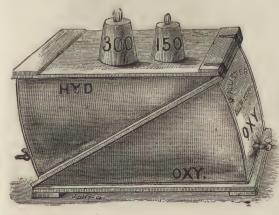
At the close of the exhibition, (or if it should be necessary, during the exhibition, to make any change in the position of the Gas Bags, or of the Weights), turn off both Gases at the Bags—the Oxygen first, and then the Hydrogen. Force out any Gas that may remain in the Bags; and, if the Apparatus is not to be used immediately, the Bags will be better preserved by hanging them up in a dry, cool room, where there will be a free circulation of air.

#### Directions for Making Pressure Boards.

The Pressure Boards should be made of first-quality lumber, free from knots or imperfections—planed smooth on both sides, tongued and grooved. Make them 32 inches wide, 42 inches long. Battens 6 inches wide at each end of the lower board. The upper batten of the top board set 6 inches back from the end, to make a rest for the weights. The battens screwed on, NOT NAILED, care being taken that the ends of the screws do not project through and thus

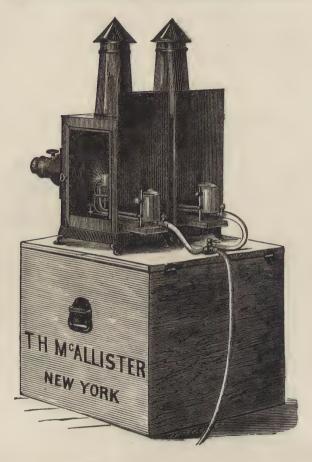


injure the bag. The two boards hinged together by wrought iron strap hinges, bent over, and screwed to outside of the battens. Leave about half an inch space between the boards to allow for thickness of bag. (The strap hinges can be furnished at 50 cents a pair).



Some operators prefer to make a double pressure board, placing the bags one over the other, as shown in this diagram, and thus make the same weights answer for both bags.

### OXY-CALCIUM STEREOPTICONS.



The Oxy-Calcium Light is inferior to the oxy-hydrogen, though far more intense than the most brilliant oil lamp, its illuminating power being equal to the light of one hundred candles. It differs from the oxy-hydrogen in using but one gas, oxygen; the flame of an alcohol lamp replacing the hydrogen.

The Oxy-Calcium Apparatus is more compact and portable than the oxy-hydrogen, more simple, and more easy to manage. It will illuminate the views brilliantly when magnified to an area of fifteen feet, (two hundred and twenty-five square feet).

### OXY-CALCIUM STEREOPTICONS.

No. 620. Oxy-Calcium Stereopticon.

Oxy-Calcium Stereopticon.

Consisting of Two Japanned Lanterns, each ten by eight inches square, sixteen inches high; hinged Door at side, and Sliding Door at back of each Lantern; first quality plano-convex Condensing-Lenses, 4½ inches in diameter; first quality Achromatic Object Classes, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, with clamping and elevating Screws, for Lime Cylinders; Dissolving Key; copper Oxygen Retort, with Stand, Argend Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in substantial dovetailed packing case, with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a platform for the Apparatus, the Dissolving Key being permanently attached to the inner side.

No. 623.

Oxy-Calcium Stereopticon.

### OXY-CALCIUM STEREOPTICONS,

WITH HOUSE GAS ATTACHMENT.



As almost every village and town is now supplied with public gas works, furnishing carbureted hydrogen gas, I have contrived a new pattern of Oxy-Calcium Stereopticon, with an attachment to connect with any gas burner, and thus burn house gas in place of the alcohol. The light is more intense than when alcohol is used, is more uniform, is more easily managed, and, at the same time, more economical. In places where there are no gas works, alcohol can be used (as in Nos. 620-624) without any alteration of the Apparatus. This form of instrument has proved very popular, and is, perhaps, for general purposes the most desirable style. It is admirably adapted for parlor entertainments, Sunday-school exhibitions, etc.

#### No. 625.

### Oxy-Calcium Stereopticon,

WITH HOUSE GAS ATTACHMENT.

Consisting of Two Lanterns of finely-finished and well-seasoned mahogany, with metal tops; each fifteen inches long, eleven inches wide, eleven inches high; hinged door at back and also at side of each Lantern; the front of each Lantern removable at pleasure to accommodate accessory apparatus for chemical and scientific experiments; mounted on elevated mahogany Platform, with lateral and vertical Movements for each Lantern; T. H. McAllister's Slide Spring and Stop; first quality planoconvex Condensing Lenses, 45% inches diameter, mounted in brass; extra quality large-size Achromatic Object Classes, giving four different magnifying powers, free from chromatic or spherical aberration; Rack-work Adjustment for focussing; first-quality Oxy-Calcium Jets, with House-Gas Attachment, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; improved Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, and india-rubber Tubing; extra-large canvas-lined india-rubber Gas Bag for Oxygen (82 Gallons capacity): thus and rad class Disables are a factorists. (82 Gallons capacity); blue and red glass Diaphragms, for statuary; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. All the metal work of this Stereopticon is finished with heavy nickel plate. Securely packed in two strong 

#### No. 626.

### Oxy-Calcium Stereopticon,

WITH HOUSE GAS ATTACHMENT.

Consisting of Two Japanned Lanterns, each ten by eight inches square, sixteen inches high, hinged door at side and sliding door at back of each Lantern; first-quality plano-convex Condensing-Lenses 4% inches diameter; first quality achromatic Object Classes; giving High and Low-power Combinations; brass Rackwork Adjustment for focusing; T. H. McAllister's SlideSpring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, adapted to burn either House Gas or alcohol, with clamping Screws for Lime Cylinders; compound Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, and indiarubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 Gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in substantial packing case with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a Platform for the Apparatus, the Dissolving Key being permanently attached to the inner side.

# No. 627. Oxy-Calcium Stereopticon,

WITH HOUSE GAS ATTACHMENT.

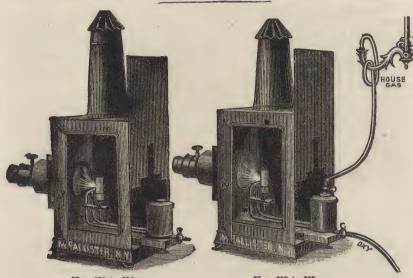
Consisting of Two Japanned Lanterns, each ten by eight inches square, sixteen inches high, hinged Door at side, and Sliding Door at back of each Lantern; firstquality plano-convex Condensing-Lenses, 4½ inches diameter; first quality achromatic Object Glasses, giving High and Low-power Combinations; brass Rackwork Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jets, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; compound Dissolving Key; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier, india-rubber tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 Gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen. Securely packed in neatly-finished dove-tailed packing case, with hinged lid, lock and handles; the lid is made with slip hinges, so that it can be removed in an instant. This lid serves as a Platform for the Apparatus, the Dissolving Key being permanently attached to the inner side.....

#### No. 628.

Same dimensions, accessories and magnifying powers as No. 627, with Concavoconvex Object Classes...

### OXY-CALCIUM MAGIC LANTERNS.

WILL MAGNIFY THE VIEWS HANDSOMELY, OF ANY DESIRED SIZE UP TO FIFTEEN FEET DIAMBTER.



Nos. 630 to 634.

Nos. 635 to 639.

No. 630.

### Oxy-Calcium Magic Lantern.

#### No. 631.

### Oxy-Calcium Magic Lantern.

#### No. 632.

#### No. 633.

### Oxy-Calcium Magic Lantern.

Japanned Lantern, ten by eight inches square, fifteen inches high, hinged Door Japanned Lantern, ten by eight inches square, fifteen inches high, hinged Door at side, and Sliding Door at back, double-convex Condensing-Lenses, 4½ inch diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Slip-tube Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one Charge Chemicals for Oxygen. \$75.00

No. 634. Same dimensions, accessories and magnifying powers as No. 633, with concavo-

### OXY-CALCIUM MAGIC LANTERNS.

WITH HOUSE-GAS ATTACHMENT.

#### No. 635, Oxy-Calcium Magic Lantern,

WITH HOUSE GAS ATTACHMENT.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high, hinged Door at side, and Sliding Door at back; first quality plano-convex Condensing-Lenses, 45% inches diameter; first quality Achromatic Object Glasses. giving High and Low-power Combinations; brass Rack work Adjustment for Focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-calcium Jet, adapted to burn either House Gas or Alcohol, with 

#### No. 636.

### Oxy-Calcium Magic Lantern,

WITH HOUSE GAS ATTACHMENT.

Consisting of Japanned Lantern, ten by eight inches square, sixteen inches high, hinged Door at side, and Sliding Door at back; Plano-convex Condensing-Lenses, 4½ inches diameter; first-quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, adapted to burn either House Gas or Alcohol, with clamping and clausified Screen for Line Calciudates of the Control of the Calciudates of the C Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one 

#### No. 637.

Same dimensions, accessories and magnifying powers as No. 636, with Concavoconvex Object Glasses....

#### No. 638.

# Oxy-Calcium Magic Lantern,

Consisting of apanned Lantern, ten by eight inches square, fifteen inches high, hinged door at side, and sliding door at back; double convex Condensing Lenses, 4½ inches diameter; first quality Achromatic Object Glasses, giving High and Low-power Combinations; brass Slip-tube Adjustment for focusing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's improved adjustable Oxy-Calcium Jet, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort, with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity; one dozen prepared Lime Cylinders; one charge Chemicals for Oxygen.......880.00

#### No. 639.

The instructions on page 29 will also serve to explain the manner of operating the Magic Lanterns Nos. 630 to 639.

#### No. 720. Oxy-Hydrogen Attachment,

FOR THE STEREOPTICONS, NOS. 620 TO 624.

The addition of this will enable either of the Stereopticons, Nos. 620 to 624, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium Stereopticon.

#### No. 721. Oxy-Hydrogen Attachment,

FOR THE STEREOPTICONS NOS. 625 TO 628

Consisting of two first quality Oxy-Hydrogen Jets, tipped with platina, to burn the mixed gases, with elevating and clamping Screws to each Jet, and also for the Lime Cylinders; Safety Bottle for each gas; copper Hydrogen Generator, with Purifier and india rubber Tubing, and Canvas-ined Hydrogen Gas-bag, 30x40x30 inches area, 85 gallons capacity, and rubber Tubing for

\*\*\* The addition of this will enable either of the Stereopticons, Nos. 625 to 628, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium House Gas Stereopticon.

### No. 722. Oxy-Hydrogen Attachment,

FOR THE MAGIC LANTERNS NOS. 630 TO 634.

\*\* The addition of this will enable either of the Magic Lanterns, Nos. 630 to 634, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium Magic Lantern.

#### No. 723. Oxy-Hydrogen Attachment,

FOR THE MAGIC LANTERNS NOS. 635 TO 639.

Consisting of first quality Oxy-Hydrogen Jet, platina tipped, to burn the mixed gases, with elevating and clamping Screws for Jet, and also for the Lime Cylinder; Safety Bottle for each Gas; copper Hydrogen Generator, with Purifier and india-rubber Tubing, and Canvas-lined india-rubber Gas-Bag, 30x40x30 inches area, 85 gallons capacity, for Hydrogen, and rubber Tubing for connections ...

\*\*\* The addition of this will enable either of the Magic Lanterns, Nos. 635 to 639, to be converted at will into an Oxy-Hydrogen or an Oxy-Calcium House Gas Magic Lantern.

See page 9 for cost of adding the BI-UNIAL OIL LIGHT to the Oxy-Calcium Slereopticons and Oxy-Calcium Magic Lanterns.

## Instructions for the Oxy-Calcium Stereopticons. Nos. 620 to 624.

See Directions for Oxygen Gas, and Pressure Boards on Page 18 & 21

The Apparatus must be at a proper distance from the Screen, to produce the Views of the desired dimensions (see table, page 6, ) and, if possible, elevated so that the Lenses shall be on a level with the centre of the Screen. The Condensing Lenses and Object Glasses must be carefully cleaned previous to each exhibition. Place the Lanterns on the Platform, each on its own Pivot. On the floor in front of the Apparatus place the Gas Bag, under its Pressure Board, and with about one hundred and fifty pounds weight on it. Connect the Gas Bag with the Dissolving Key by the long rubber tube, and the Dissolving Key with each Jet by the short rubber Tubes. Fill the Reservoir of each Jet with the purest Alcohol, and have a good Cotton Wick in the tube, projecting about half an inch, and trimmed even. good Cotton Wick in the tube, projecting about her the purity. A percentage The alcohol should always be of at least ninety per cent. purity. A percentage Hydrometer is furnished with each Apparatus, with instructions for use, by which the purity of the Alcohol can be tested when purchasing. A Cylinder of hard, unslacked Lime is next to be placed in the Lime Camer immediately in the rear of the Wick, the Jets placed in the Lanterns, and the Alcohol flame ignited.\* Allow the Alcohol flame to burn for a minute or two, that the Lime Cylinder may be gradually heated up; then turn on the Oxygen, and adjust the proportion of Oxygen by the Cock attached to each Jet, the condition of the Wick, and the position of the Lime Cylinder, until the front of the Lime Cylinder shows a dazzling disc, of about half an inch diameter, of intense white light. If the Gas makes a hissing noise, it will be caused by some small fibres of the wick obstructing its passage, which must be removed. Yhe alcohol flame should be large, and the Wick slightly divided in the middle to allow free passage of the Gas, but do not allow the Wick to be separated too much, and have the bulk of it toward the Jet. The Lime Cylinder generally requires to be about half an inch from the Jet, but this will vary with different samples of Lime, and the Lime Carriers are therefore mounted on a Sliding Bar, with Clamping and elevating Screws for ease of adjustment. Move the Lever of the Dissolving Key to the extreme right, this will send all the flow of Oxygen to the Jet in the right-hand Lantern. Insert a View, upside down, selecting one which has a clear, open outline; adjust the Focus and move the Jet very gradually backward and forward, and from side to side, and elevate or depress it until the Picture on on the Screen is evenly illuminated over its entire surface. Then secure the Jet by the Elevating and Centering Screws, and it will not require to be moved during the exhibition. Then move the Lever of the Dissolving Key to the extreme left, and adjust the Jet, Focus, etc., of the left hand Lantern. Turn the Lever of the Dissolving Key half way, and each picture will be seen on the Screen. Move the Lanterns on the Pivots in front, so as to bring both Pictures on the same space, or make them "register." Then; by moving the Lever of the Dissolving Key from one side to the other, thereby transferring the Oxygen from one Jet to the other, the Pictures will beautifully dissolve, one into the other—one will fade away, and the other replace it on the Screen, in a manner which never fails to astonish and delight an audience.

While a Picture in one Lantern is before the audience, and the explanation of it is being made, quietly withdraw the View from the other Lantern, replace it by another, and dissolve, by moving the Lever of the Dissolving Key. The Lime Cylinder must be turned occasionally during the exhibition, to present a new surface, and

the proportion of the Oxygen will sometimes require adjusting.

## Instructions for the Oxy-Calcium Stereopticons,

WITH HOUSE GAS ATTACHMENT,-Nos. 628 to 628.

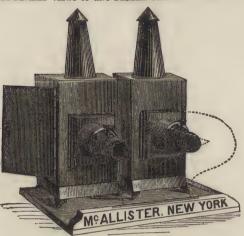
Prepare the Oxygen Gas and proceed as directed for the Stereopticons, Nos. 620 to 624, with the following exceptions: Remove the Wick from the Tube, pour out any Alcohol from the Reservoirs, and attach the long rubber Tubes marked "House-Gas" to a gas burner, and the short rubber Tubes marked "House Gas," to the cock on top of the Reservoir. Turn on the House Gas, allow it to pass for a minute or two, to expel all atmospheric air, and then ignite it as lt issues from the Tube. Make the connections with the Oxygen Bag, adjust the proportions of the Gases, and the position of the Lime, etc., and proceed with the exhibition.

<sup>\*</sup>When Alcohol is used in Jet No. 703 leave the house gas stop-cock open.

## DISSOLVING-VIEW APPARATUS.

With T. H. McAllister's Bi-unial Oil Lamps.

TAKING CLEARLY-DEFINED VIEWS OF ANY DESIRED SIZE UP TO EIGHT FEET DIAMETER.



An exhibition of the Dissolving Views is one of the most pleasing effects that the Magic Lantern is capable of producing, and, to the uninitiated, appears truly magical. The term "dissolving" well represents the process; for, while the audience is viewing a painting, it is made almost imperceptibly to melt into quite a dissimilar picture—the one picture fading out, and the new picture, occupying the same place, growing perfectly distinct on the screen. The necessary mechanism was formerly quite complicated, but is now so simplified and compact, that it is easier to give an exhibition with a Dissolving View Apparatus, than with a single Magic Lantern.

Full Directions will be found on Page 32.

## No. 640. Dissolving-View Apparatus.

## No. 641. Dissolving-View Apparatus.

Dissolving-View Apparatus.

Consisting of two Japanned Lanterns, each ten by eight inches square, fifteen inches high, hinged door at side, and sliding door at back of each Lantern; double-convex Condensing-Lenses, 4½ inches diameter; concavo-convex Object Glasses, High, Medium and Low-power Combinations; brass slip-tube Adjustment, for focusing; T. H. McAllister's New BI-UNIAL LAMPS for using Kerosene, and nickel-plated Reflectors; Metal Dissolver. Securely packed in neatly-finished dovetailed packing-case, with hinged lid, lock and handles. The lid is made with slip hinges, so that it can be removed in an instant, and serves as a Platform for the Apparatus.

No. 644. Dissolving-View Apparatus.

No. 707. Oxy-Hydrogen Attachment,
TO THE DISSOLVING VIEW APPARATUS, Nos. 640 to 644.

\*\*\* The addition of this will enable either of the Dissolving-View Apparatus, Nos. 640 to 644, to be converted at any time into an Oxy-Hydrogen Stereopticon.

No. 708. Oxy-Calcium Attachment, TO THE DISSOLVING-VIEW APPARATUS, Nos. 640 to 644.

\*\*\* The addition of this will enable either of the Dissolving-View Apparatus, Nos. 640 to 644, to be converted at any time into an Oxy-Calcium Stereopticon.

No. 709. Oxy-Calcium House Gas Attachment, TO THE DISSOLVING-VIEW APPARATUS, Nos. 640 to 644.

\*\* The addition of this will enable either of the Dissolving-View Apparatus, Nos. 640 to 644, to be converted at any time into an Oxy-Calcium House Gas Stereopticon.

## INSTRUCTIONS

FOR OPERATING THE

## DISSOLVING VIEW APPARATUS.

Nos. 640 to 644.



DISSOLVER.

Place the Apparatus, and arrange the Lenses and Lumps, as described on Page 33

The Lanterns being mounted on the Platform lid of the packing-case, each fixed on its pivot in front, incline both Lanterns apart at the rear to such an angle that the circle of light from each shall fall precisely upon the same space on the Screen. There is in front of the pair of Lanterns a Metal Dissolver-which is indicated by the dotted line in the engraving on page 30 and is more distinctly shown by the illustration on this page. This Dissolver slides in a groove, and is so proportioned that when the wide part of the diamond-shaped opening is in front of the Tube of one Lantern, the pointed end will not quite reach to the front of the Tube of the other Lantern. Having placed a View or Slider, in each Lantern, slide the Dissolver along the groove by the hand, alternately from right to left, and left to right; and it follows, that as soon as the Dissolver begins to cover the image proceeding from one Lantern, a corresponding portion of the image proceeding from the other Lantern is thrown upon the Screen. The movement should be slow and regular, and the Pictures will imperceptibly and beautifully dissolve, the one into the other, the Screen never being vacant from the beginning to the close of the exhibition. To insure success in the illusion, it is necessary that the Sliders are placed precisely in the central line of the Lenses, which important result is most easily accomplished by T. H. McAllister's Slide Spring and Stop, attached only to the Magic Lanterns sold by me.

'As the distance between the Lanterns is slight (see engraving on Page 30) the

sliders mu-t not be more than seven inches in length.

The sets of Dissolving-View Sliders, a list of which is given in this catalogue, are colored with express reference to the production of fine effects; though any two Views of the same size will answer for dissolving, care being taken that there is a general likeness of light and shade. For instance, a Picture having a very light object in the centre will not dissolve handsomely into one having a dark object in the centre.

Striking and amusing effects, however, are often produced by dissolving with Views of entirely different character, and the unexpected changes will excite and keep up the interest of an audience—thus a landscape may be dissolved into a chromatrope or a portrait; or one of the comic slides, with mechanical movement, may, by the dissolving arrangement, be introduced into a landscape, etc.

When the unmounted square views, such as the "Crayon Photographs," "Views of World renowned places of interest," etc., are used, a Pair of the Dissolving View

Combination Carriers will be required—Price \$1.50—Set Page 45.

#### INSTRUCTIONS FOR THE

## PHANTASMAGORIA MAGIC LANTERNS,

Nos. 650 to 653.

The Apparatus must be at a proper distance from the Screen to produce the Views of the desired dimensions (see table of magnifying powers on page 6,) and sufficiently elevated from the floor to bring the Lenses on a level with the center of the Screen.

The Condensing Lenses and Object Glasses must be thoroughly cleaned previous to each exhibition. In cold or damp weather, moisture will sometimes form on the inner surface of the Condensing Lenses, and to guard against this, it is well, just previous to an exhibition to separate the Condensers, and hold them in the hand before a stove or lamp for a few minutes.

The Lamp having been placed in the Magic Lantern, (see directions below,) move it slowly backward and forward until the circle of the light on the Screen is evenly illuminated; the Lamp is then known to be in its proper position.

The View or Slider is placed upside down in the opening in front of the Condensing Lenses, where it will be held firmly by the Slide Spring and Stop; and the Focus is adjusted, as described on page 6.

The best effects are obtained when the Apparatus is on the same side of the Screen as the spectators; but sometimes it is more convenient to place it on the other side of the Screen, which may be rendered smoother and more transparent if dipped in water immediately before hanging it up.

### TO PRODUCE THE PHANTASMAGORIA EFFECT,

The operator should be on one side of the Screen, and the spectators on the other. Taking the Magic Lantern under his left arm, he should go up pretty close to the Screen and adjust the Focus with his right hand. The image, of course will be very small; he must then walk slowly backward, at the same time adjusting the Focus. As the image increases in size, it will appear to the spectators to be coming towards them; and then again let him walk up towards the Screen, thus diminishing the image, and it will appear to them as if receding. The Screen not being seen, the image appears to be suspended in the air, and the deception is complete, even to those accustomed to the exhibition.

Slides producing the best phantasmagoria effect are those containing but one or two figures, and all the rest of the glass painted black; such for instance, as some of the "Moyable Comic,"

#### DIRECTIONS FOR

# T. H. MCALLISTER'S NEW BI-UNIAL LAMP.

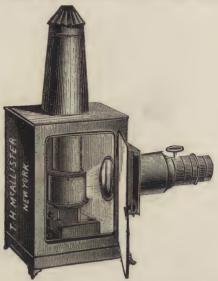
SEE ILLUSTRATION AND DESCRIPTION ON THIRD PAGE OF COVER.

The NEW BI-UNIAL LAMP is the result of a long series of experiments, and by aid of the following directions never fails to produce a more satisfactory picture than any other form of oil illumination.

- 1. Use only the best Kerosene Oil.
  - (A small quantity of Gum Camphor, in coarse powder, thoroughly and uniformly dissolved in the Kerosene will increase the intensity of the light.)
- Pour sufficient oil into the Reservoir, to come within quarter of an inch of the top, leaving that space for the expansion of the oil.
- 3. Trim the wicks evenly with a sharp pair of Scissors. (See Lamp Scissors page 46.)
- Light the Lamp a few minutes before commencing the exhibition, and allow it to burn rather low, that the oil may become gradually warmed and thereby rendered more fluid.
- 5. When commencing to operate, turn the wicks up slowly, until an intense flame is obtained, free from smoke. The exact condition of the wicks can be readily seen at any moment by slightly opening the door of the Lantern and observing the reflection of the flame on the surface of the Condensing Lens.

## PHANTASMAGORIA MAGIC LANTERNS.

MAKING CLEARLY DEFINED VIEWS OF ANY DESIRED SIZE UP TO EIGHT FEET IN DIAMETER.



In the Magic Lantern as originally constructed, the condensing lens was formed of a single "bull's-eye" lens, and the object glass of a single double-convex lens. The cheap toy Lanterns imported from Europe, are still generally made in that manner; but all first-class instruments are now made with two condensing lenses and two object-glasses, and, to distinguish them, are called "Phantasmagoria" Lanterns. The word phantasmagoria is of Greek derivation and means "I meet a spectre;" and was at first applied to the exhibition of pictures of ghosts and hobgoblins, which appear to recede from or approach to the audience, by the Lanterns being brought gradually nearer to, or farther from, the Screen.

See instructions on page 33

### No. 650.

## Phantasmagoria Magic Lantern.

#### No. 651.

## Phantasmagoria Magic Lantern.

Japanned case, ten by eight inches square, sixteen inches high, hinged door at side, and sliding door at back; first quality plano-convex Condensing Lenses, 4½ inches diameter; concavo-convex Object Glasses, High, Medium and Low-power Combinations; brass Rackwork Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New Bi-unial Lamp for using Kerosene, and nickel-plated Reflector.

### No. 652.

## Phantasmagoria Magic Lantern.

#### No. 653.

## Phantasmagoria Magic Lantern.

Japanned case, ten by six inches square, fourteen inches high, hinged door at side and sliding door at back: double convex Condensing Lenses, 3\square\square\text{s} inches diameter; concavo-convex Object Glasses, High, Medium and Low-power Combinations; brass sliding-tube Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; T. H. McAllister's New BI-UNIAL LAMP for using Kerosene, and nickel-plated Reflector. \$20.00

## Achromatic Object Glasses,

Can be substituted for the Concavo-Convex Object Glasses in the Phantasmagoria Magic Lanterns, Nos. 650, 651, 652, 653, for an additional charge of \$10.00

## No. 666. Oxy-Hydrogen Attachment,

\*\*\* Either of the preceding Phantasmagoria Magic Lanterns can at any time be converted into an Oxy-Hydrogen Magic Lantern by the addition of No. 666, without any alteration of the arrangement of the Japanned Case or Lenses. See pages 16 to 21

## No. 667. Oxy-Calcium Attachment,

\*\*\* Either of the preceding Phantasmagoria Magic Lanterns can at any time be converted into an Oxy-Calcium Magic Lantern by the addition of No. 667, without any alteration of the Japanned Case or Lenses. See pages 26 to 29

## No. 668. Oxy-Calcium House Gas Attachment,

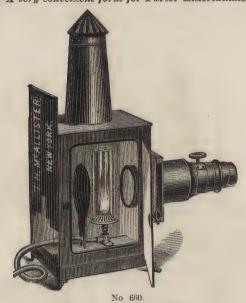
Consisting of T. H. McAllister's improved adjustable Oxy-Calcium Jet, adapted to burn either House Gas or Alcohol, with clamping and elevating Screws for Lime Cylinders; copper Oxygen Retort with Stand, Argand Spirit Lamp, Purifier and india-rubber Tubing, and canvas-lined Gas Bag, 30x40x20 inches area, 55 gallons capacity.

\*\*\* Either of the preceding Phantasmagoria Magic Lanterns can at any time be converted into an Jxy-Calcium House Gas Magic Lantern by the addition of No. 668, without any alteration of the Japanned Case or Lenses. See pages 26 to 29

## PARLOR MAGIC LANTERNS,

WITH ARGAND GAS BURNER.

TARING CLEARLY DEFINED VIEWS OF ANY DESIRED SIZE UP TO EIGHT FEET DIAMETER.



Parlor Magic Lantern.

Japanned case, ten by eight inches square, sixteen inches high; hinged door at side and sliding door at back; first-quality plano-convex Condensing-Lenses,  $4\frac{1}{8}$  inches diameter; concavo-convex Object Glasses, High, Medium and Low-power Combinations; brass Rack-work Adjustment for focussing; T. H. McAllister's Slide Spring and Stop; Argand Gas Burner, nickel-plated Reflector, and eight feet indiarabber tubing to make connection with Gas Fixture.

Parlor Dissolving-View Apparatus.

# Parlor Magic Lantern.

No. 665. T. H. McALLISTER'S

#### WONDER. ATTACHMENT

THE MAGIC LANTERN,

For projecting on the Screen enlarged images of Card Photographs. Chromos. Engravings and opaque objects in general,

#### Price. \$3.50.

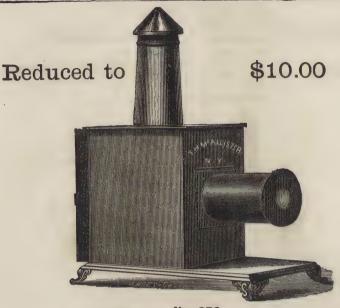


The above engraving represents a newly constructed piece of apparatus, which can be readily applied to any of the Magic Lanterns or Stereopticons on the preceding pages, and makes a very excellent accessory, particularly for Parlor Entertainments; enabling a family to form a gallery of life-size portraits from the card photographs of their albums, thus affording an inexhaustible source of enjoyment; watch movements, jewelry, coins, medals, flowers, etc., can also be made available with good results. As the image on the screen is solely illuminated by the light reflected from the object, it does not equal in brilliancy that of a transparent Glass Magic Lantern View; but the low price of the WONDER CAMERA ATTACHMENT, and the facility it affords for putting to a novel use the thousand and one photos, engravings, and ornaments in the possession of every intelligent and cultivated household, has opened a new source of enjoyment and instruction for the home circle. Artists have availed themselves of it, for enlarging photographs to life-size, for crayon drawing and portrait painting; Architects, Draughtsmen and Civil Engineers, for obtaining working drawings of increased size, and Teachers, for interesting their classes by presenting magnified views of the illustrations in the Text Books.

presenting magnified views of the illustrations in the Text Books.

The WONDER CAMERA ATTACHMENT is especially recommended for Parlor Entertainments, Class Instructions, etc. It is not designed for a satisfactory public exhibition in a large Hall, for which purpose a far more costly instrument will be required.

DIRECTIONS.—Place the Magic Lantern at a proper distance from the wall or screen to make the figures of life size; remove the Magic Lantern Front [A]; in its place affix the Wonder Camera Attachment [B]; transfer the Object Glasses from A to B and adjust the illumination and focus. At the back of the "Wonder Camera Attachment" is a sliding door with a grooved opening in it of proper size to receive the usual card photos. For larger size photos, engravings, illustrations in books, etc., remove the sliding door entirely; also for watch movements, jewelry, etc., which can be held in the hand; with the latter class of objects, it is advisable to throw a dark cloth over the top of the attachment and the arm, to prevent the light from being thrown around the room.



#### No. 670. T. H. McALLISTER'S

#### LANTERN. MAGIC CABINET

\$10.00

The CABINET MAGIC LANTERN is intended to meet the demand for a Magic Lantern, simple in construction, easy to operate, of sufficiently good quality to give a satisfactory exhibition in a Parlor, Sunday School, Lodge Room or School House, yet sold at such a moderate price, as to insure its general introduction; and has proved well adapted for those who wish to commence on an economical scale.

In the first part of this Catalogue will be found a list of "\$25.00 Outfits," and of "\$50.00 Outfits," offording a customer an opportunity of obtaining a good outfit for a limited amount. Each Outfit is different in the character of the Viene.

fit for a limited amount. Each Outfit is different in the character of the Views

embraced in it.

THE CABINET MAGIC LANTERN is substantially and compactly made; Japanned Case, 6 by 8 inches square, and 10 inches high, mounted on a neat Walnut Base, 7 by 14 inches, with an improved Lamp to burn Kerosene Oil. The Condensing Lens is 4 inches diameter, admitting any of the Views named in this Catalogue. The Object Glass is well ground and polished, and will enlarge the Views to five feet diameter.

#### DIRECTIONS FOR THE

### CABINET MACIC LANTERN.

THE CABINET MAGIC LANTERN has two Lenses; the larger one called the Condensing Lens, is firmly mounted in the large tube attached to the front of the Magic Lantern—the smaller Lens, called the Object Glass, is mounted at the outer end of the adjustable front tube which slides within that in which the Condensing Lens is mounted. Both these Lenses must be cleaned perfectly before each occasion of using the Magic Lantern. Use the best Kerosene Oil in the Lamp, have the wick evenly trimmed, and the Glass Chimney bright and clear. The room, of course, must be as dark as possible. Hang the screen over an open doorway, or else three or four feet in front of the wall, for if hung with the wall close behind it, the picture will not appear as distinct. Place the Cabinet Magic Lantern on a table about ten feet from the screen, sufficiently elevated from the floor, to bring the Lenses about on a line with the centre of the screen. Put the view upside down in the groove in front of the Lantern, then "Focus" by sliding the Adjustable Front Tube, carrying the Object Glass, gradually in or out, as may be necessary, until the picture on the screen is distinct as possible.

See last pages of this Catalogue for Magic Lanterns designed more especially for the amusement of children.



# THE "CABINET"

## DISSOLVING-VIEW APPARATUS,

CONSISTING OF

## TWO CABINET MACIC LANTERNS,

On Walnut Platform, and Dissolver.

\$22,00

An economical form of Dissolving-View Apparatus, particularly designed for Home and School Entertainments in moderate sized Rooms. The beautiful Dissolving Effects and Transformations can be well shown with this cheap Apparatus though of course not with the brilliancy and perfection of the higher priced patterns of Dissolving-View Apparatus.

If desired at any time, the Lanterns can be detached from the Platform, and used separately, as is the case with all the styles of Dissolving View Apparatus and Stereopticons in this Catalogue.

Any of the Views enumerated in the following pages can be used in the Cabinet Dissolving-View Apparatus; fine effects can be obtained with some of the "Sets of Dissolving Views," specified on pages 60 to 64.

## ATTACHMENTS,

FOR USE WITH

## STEREOPTICONS AND MAGIC LANTERNS.



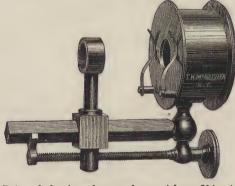
No. 680. Vertical Attachment.

No. 631.

## Microscope Attachment,

FOR USE WITH

## OXY-HYDROGEN OR OXY-CALCIUM APPARATUS.



With this apparatus, mounted Microscopical preparations or living animalculæ can be shown upon the screen enlarged from 100 to 1000 times the diameter.

The mounting for the Objectives is made with the "London Society Screw," which has been adopted by the makers of all First Class Microscopic Objectives—thus admitting the use of those Objectives on this Attachment.

TA List of prepared Objects, suitable for illustration with the Microscope Attachment furnished on application.

#### No. 682.

## Holman's Siphon Slide,

FOR THE MICROSCOPIC ATTACHMENT.



The "Holman Siphon Slide" consists of a slip of thick Plate Glass, three inches long by one inch wide, having a cavity of sufficient size to contain a small tadpole, lizard, portion of a plant, etc., etc., to each end of the cavity small rubber tubes are attached, one of which connects with a bottle or other reservoir of water, the other serving as an outlet for the water after it has passed through the cavity; thus keeping up a constant current of fresh water, and

keeping up a constant current of fresh water, and allowing the enclosed living animal, etc., to be kept in position, without injury or inconvenience for any length of time.

\*\* It is not necessary to have any special form of bottle for Reservoirs—any vessels capable of holding water, will answer.

#### No. 683.

## Polariscope,

FOR THE MICROSCOPIC ATTACHMENT.

Consisting of two Prisms of Iceland Spar, properly mounted, one of which is placed between the object and the Condensers, and the other between the object and the Screen. No Microscopic Objects excel in brilliancy, the appearance of crystals, etc., seen by Polarized light, especially when magnified, upon the Screen—the process of crystallization is beautifully shown.....\$25.00, \$50.00, \$75.00

No. 684.

## Horizontal Glass Tanks,

TO USE IN CONNECTION WITH VERTICAL ATTACHMENT, NO. 680,

\$1.50 to \$5.00

No. 685.

## Vertical Glass Tanks,

Can be used in any of the Stereopticans and Magic Lanterns enumerated on the preceding pages of this Catalogue, for exhibiting living fish, insects, etc.

No. 685 B—GLASS TANK, MOUNTED IN MAHOGANY FRAME, 4 by 7 inches.

## ACCESSORIES



Purifier.

Retort

## No. 700. Oxygen Apparatus.

Consisting of heavy Copper Retort with Stand and Argand Spirit Lamp; Glass Purifier, india-rubber connections; Canvas-lined Gas-Bag, 30x40x20 inches, 55 gallons capacity, with Brass Stop Cock..... .\$35.00



No. 701.

## Hydrogen Apparatus.

Consisting of heavy Copper Generator; Glass Purifier, india-rubber connections; Canvas-lined Gas-Bag, 30x40x30 inches, 85 gallons capacity, with Brass Stop 



No. 702. T. H. McALLISTER'S

## Improved Adjustable Oxy-Calcium Jet.

This Jet is very simple in construction, and far superior to the complicated Oxy-Calcium Jets formerly used. It is mounted on walnut Base four inches wide, twelve 

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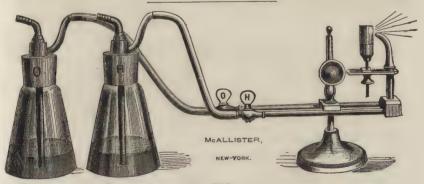


No. 703. T. H. McALLISTER'S

## Improved Adjustable Oxy-Calcium Jet,

WITH HOUSE-GAS ATTACHMENT.

# No. 704. Concentric Oxy-Hydrogen Jet.



No. 705. T. H. McALLISTER'S

## Improved Adjustable Oxy-Hydrogen Jet.

#### No. 707.

## Oxy-Hydrogen Dissolving Apparatus.

Consisting of the Oxygen Apparatus, No. 700; the Hydrogen Apparatus, No. 701; two of the Oxy-Hydrogen Jets, No. 705, with Safety Bottle for each Gas; compound 

By attaching No. 707 to a pair of the usual Dissolving-View Lanterns, they will be converted into an Oxy-Hydrogen Stereopticon.

#### No. 708.

## Oxy-Calcium Dissolving Apparatus.

Consisting of the Oxygen Apparatus, No. 700; two of the Oxy-Calcium Jets. 

By attaching No. 708 to a pair of the usual Dissolving-View Lanterns, they will be converted into an Oxy-Calcium Stereopticon.

#### No. 709.

## Oxy-Cal. House-Gas Attachment Dissolving Apparatus

Consisting of the Oxygen Apparatus, No. 700; two of the Oxy-Calcium Jets, House-Gas Attachment, No. 703; compound Dissolving-Key, and rubber-tube connections. .\$60.00

By attaching No. 709 to a pair of the usual Dissolving-View Lanterns, they will be converted iuto an Oxy-Calcium House-Gas Attachment Stereopticon.

## Argand Gas Dissolving-View Apparatus.

Consisting of two Argand Gas Burners, with nickel-plated Reflectors; Dissolving-Key; 12 feet india-rubber tubing, to make the necessary connections with Gas Fixture and Dissolving-Key.....

By attaching No. 710 to a pair of the usual Dissolving-View Lanterns, they will be converted into a Parlor Dissolving-View Apparatus. See No. 661.



#### No. 711.

## T. H. McAllister's Combination Carrier,

Those using the unmounted Square Glass Views, have been heretofore subjected to much inconvenience for the want of some suitable contrivance to support the Views in the proper position in front of the Condensing Lenses, and cause them to succeed each other without any interruption; besides the great risk of breaking the Views.

T. H. McAllister's Combination Carrier effectually overcomes all these difficul-

ties, and enables the unmounted views to be used with facility and safety.

The Carrier is designed to hold and center either of the Standard sizes of square views. Stop No. 1, will center those of the usual English pattern,  $(3\frac{1}{4}\times3\frac{1}{4}$  inches). Stop No. 2, is adapted for those of the French pattern,  $(3\frac{1}{4}\times4$  inches), and Stop No. 





No. 712.

## T. H. McAllister's "Dissolving" Carriers.

## GAS-BAGS.



Extra quality, Canvas-lined on both inner and outer surfaces, and very durable. Will stand any climate. Made expressly to my order, and are furnished with all the varieties of Oxy-Hydrogen and Oxy-Calcium Apparatus enumerated in this Catalogue.

#### No. 713.

#### No. 714.

\* The following Gas-Bags are the ordinary commercial article—are not lined with Canvas, and by no means as durable as those specified above.

#### No. 715.

#### No. 716.

## SCREENS.

Made of best quality material, with Loops around the four sides of the Screen. By these Loops the Screen can be attached to a wooden Frame; though the most convenient plan is to dispense with a Frame, and to screw two small screw rings into the wall (or window frame), one on each side of the hall, near the ceiling; then pass a stout cord or rope through the Loops on the upper edge of the Screen, and through these rings, bringing the ends of the cords down and securing them. By the Loops on the sides and lower edge, the Screen can be held firmly in position by cords attached to screw rings in the floor.

to screw rings in the floor.			
7½ feet square\$2 50   15 feet square			
12 00			
9 feet square 4 00 16 feet square			
12 feet square			
To lost square services			
Screens, second quality material, and made without loops.			
\$9.00 L15 feet square \$9.50			
7½ feet square\$2 00   15 feet square			
9 feet square			
The Screens best adapted for the several styles of Apparatus, are the following:			
The Screens best adapted for the several styles of Expansion,			
For Oxy-Hydrogen(Nos. 600 to 614)			
For Oxy-Calcium			
For Oxy-Calcium			
For Dissolving Apparatus(Nos. 640 to 644)Screen 12 feet, or 9 feet			

## MISCELLANEOUS.

Lime Cylinders, for Oxy-Hydrogen and Oxy-Calcium Jets, carefully prepared from selected limestone, in screw-cap tin canisters, containing twelve	<b>01</b> 05	
cylindersper canister	\$1 20	
cylinders	9 00	
Chlorate of Potashat market	t rates	
Black Oxide of Manganeseat market	rates	
Sulphuric Acidat market	rates	
Zincat market	rates	
T. H. McAllister's New Bi-unial Lamp and Reflector (see third page of Cover)	5 00	
Wicks for Bi-unial Lampper dozen	25	
Lamp Scissors for trimming Wick	75	
Argand Gas Burner and Reflector	3 00	
Copper Hydrogen Generator and Pipe	13 00	
Copper Oxygen Retort and Pipe; first quality	12 00	
Copper Oxygen Retort and Pipe; smaller; second quality	6 00	
Iron Retort Stand	50	
Spirit Lamp, to heat Retort	1 00	
Glass Purifying Bottle and Pipe	5 00	
India-Rubber Tubingper foot	19	
T. H. McAllister's Patent High-Pressure Dissolving-Key, the only Key giving	00 00	
Dellect acount clices and children of	35 00	
	10 00	
Oxy-Calcium Dissolving-Key.  Plates for Views; of selected Glass, 3½ × 4 inchesper dozen	4 00	
Plates for Views; of selected Glass, $3\frac{1}{4} \times 4$ inchesper dozen	40	
Rlack Paper Mats, for Mounting Views; $3\frac{1}{4} \times 4$ inchesper dozen	25	
Black Binding Papers for Mounting Viewsper 100	25	
Tanks of Glass for holding Water, Fish, Insects, etc. — Mounted in Frame	0.00	
$4 \times 7$ inches	2 00	
Neat Wooden Frames, 4 × 7 inches, with opening 31/4 inches wide, for per-	100	
manently mounting all the square views 20 Cents each, \$15 00 per 100		
Brass Cock, for Gas Bag	1 50	

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## YIEWS,

# Illustrating Every Subject of POPULAR INTEREST.

Special Notice.

The Stereopticons and Magic Lanterns specified in the preceding pages, are priced without any reference to accompanying views. That is, the prices are for the Stereopticons and Magic Lanterns as described, but without including any views; classified lists of which will be found on the following pages.

The Fine Colored Photographic Views are each upon plate glass, 3 inches diameter, with a protecting cover glass, and cannot be injured by extremes of heat or cold, or even by immersion in water. Each view is mounted separately in a neat wooden frame or slider, 4 inches wide, 7 inches long, 3-8 inch thick. These fine Colored Photographic Views, are all made expressly for our own sales by artists specially trained, whose long experience and skill render each view a beautiful work of art, brilliant and durable. Price, (except those having mechanical movements) \$1.50 each.

The Comic Movable Views are each mounted separately, on a slide 4 by 7 inches. These are painted in brilliant colors, the main portion being on one glass. The part designed to represent motion is painted on another glass mounted close to the former, and also serving as a cover to protect the painting from injury—the end of this cover glass is cut off at an angle as shown in the engraving on page 68, forming a handle by which to impart the appearance of movement to the figure. Price, 65 cts. each; \$7.50 per dozen.

The Statuary Views, see list on page 73, are each upon square glass, 31 by 4 inches, at 75 cents each, \$9.00 per dozen.

The Lever Movable Slides are 3 inches diameter, each in frame or slider, 4 by 7 inches. Price, \$1.75 each.

The Dioramic Slides are mounted in frame 4 inches wide, 12 inches long. Price, \$3.00 each.

The Chromatropes are 3 inches diameter, in frame, 4 inches wide, 12 inches long. Price, \$3.00, \$3.75 each.

All the Uncolored Photographic Views, embracing "Views of Places of Interest," "Crayon Photographs," etc., are each upon glass plate, 3\frac{1}{4} by 4 inches square—not framed. Price, 50 cents each, \$6.00 per dozen, \$45.00 per 100.

The Colored Sceneries are each upon glass plate, 3½ ny 4 inches square, not framed. Price, \$1.80 each, \$21.00 per dozen.

The Silhouette Views are each upon glass plate,  $3\frac{1}{4}$  by 4 inches square, not framed. Price, 30 cents each, \$3.00 per dozen.

The Sets of Nursery Tales are on glass slides, each  $3\frac{1}{4}$  inches wide, 12 inches long, not framed. Price, \$4.00 per set of 12 slides.

Combination Carriers for holding all unframed Square Views. See Nos. 711 and 712 of this Catalogue.

All the above various styles of Views, can be used in any of the Stereopticons and Magic Lanterns enumerated on the preceding pages of this Catalogue, or in any instrument having Condensing Lenses over 3 inches in diameter. (See Appendix for views suitable for smaller Magic Lanterns.)

## VIEWS MADE TO ORDER.

Although the list of views in this Catalogue affords such a large and well assorted selection, a Lecturer will sometimes require views made especially to order, to illustrate some particular subject; these can be made at any time from any engravings or sketches that may be furnished. Price of such special views, if finished in style of Finely Colored Photographic Views, 2.50 each, Uncolored, in style of Crayon Photographic Views, \$1.00 each.

(Three inches in diameter; each view mounted in slider  $4 \times 7$  inches.)

## Bible History.

#### Old Testament.

The Earth without form, and void. Creation of Light.
Creation of Dry Land.
Creation of the Grass and Trees. Creation of the Sun, Moon and Stars Creation of Fowls and Fishes. Creation of Creeping Things and Beasts. and Beasts.
Creation of Adam.
Creation of Eve.
Adam and Eve in Paradise.
Temptation of Eve.
Adam and Eve hide their Faces. The Expulsion from Eden. The first Human Family. Cain's Sacrifice rejected. Cain kills his Brother Abel. Cain a Fugitive. Cain builds the first City.
Jabal, Tubal and Tubal-Cain.
The Wickedness of Man before the Flood.

Noah building the Ark.

The Flood destroying Man and Beast. Interior of the Ark. Return of the Dove with the Olive Branch. Noah's Sacrifice and the Rain-Tower of Babel—Scattering of the Tribes. Abraham and the Three Angels. Destruction of Sodom and Gomorrah. Lot's Flight from Sodom. Abraham sends Hagar away. Hagar and Ishmael in the Wilderness Abraham offering Isaac. Rebecca at the Well. Eleazar at the House of Bathael. Arrival of Rebecca Isaac blesses Jacob. Jacob's Dream. Jacob waters the Flock of Rachel. Jacob wrestling with the Angel. Joseph Flocks. tends his Father's

The Dreams of Joseph.
Joseph thrown into a Well.
Joseph sold by his Brethren.
Joseph's bloody Coat shown to
his Father.
Joseph interprets the Dreams
of the Butler and the Baker.
Joseph interprets Pharach's

Dream.

Joseph raised to honor by Pharaoh.

The Cup found in Benjamin's Sack.

Joseph orders Simeon to be detained.

Joseph makes himself known to his Brethren.
Joseph meeting Jacob his Father.
Jacob blesses his Twelve Sons.
Moses in the Bulrushes.
Moses assisting the Daughters of Jethro.
Moses and the Angel in the flaming Bush.
Pharaoh's Host drowned in the Red Sea.
Moses and the Ten Command-

ments.

Israelites worshipping the
Golden Calf.

Moses strikes the Rock in Horeb.

Israelites plagued by flery Serpents.
Destruction of Jericho.
Song of Deborah.
Jephthah's Daughter meeting

her Father.
Samson kills the Lion.
Samson slays the Philistines.
Samson betrayed by Delilah.
Samson grinding Corn in
Prison.

Samson pulling down the Temple.
Ruth in the Fields of Boaz.

David kills Goliath.
David returns Conqueror of Goliath.
David bringeth the Ark from Kiriath.

Kirjath.
David in Saul's Camp.
David before Saul.
Saul casting his Javelin at
David.

Saul visits the Witch of Endor. Death of Saul. Absalom entangled in the

Oak.
Rizpah protecting the Bodies of her Children.
The Judgment of Solomon.

The Judgment of Solomon.
The Queen of Sheba visits
Solomon.
Elijah ascending to Heaven in

a Chariot of Fire.
Building of the New Temple
at Jerusalem.
Esther espoused by Ahasuerus.
Esther implores Ahasuerus.
Esther confounds Haaman.

Jeremiah weeping over Jerusalem.
Three Children in the Fiery Furnace.

Job and his three Friends. Belshazzar's Feast. Daniel in the Lion's Den. Jonah and the Whale.

#### New Testament.

Annunciation to Mary.
Naming of John the Baptist.
The Angel appearing to the
Shepherds.
Star of Bethlehem.
Nativity.
Adoration of the Magi.
Presentation in the Temple.

Slaughter of the Innocents. Flight into Egypt. The Repose in Egypt. Shadow of the Cross. Jesus in the Workshop of

Joseph.
Jesus among the learned Men.
The return to Nazareth.
John the Baptist preaching in
Wilderness.

John baptizes Jesus.
Temptation of Christ,
The Wedding at Cana,
The calling of Matthew.
Christ clearing the Temple.
Christ and the Woman of
Samaria.

The Sermon on the Mount.
Christ healing the Sick.
Resurrection of the Daughter
of Jairus,
Christ stilling the Storm

Christ stilling the Storm.
Christ walking on the Sea.
Mary anointing the Feet of
Christ.
Christ preaching on the Sea of
Galilee.

Parable of the Lilies.
Parable of the Sower.
Parable of the Virgins.
Parable of the Good Samari-

tan.
Parable of the Good Samari
tan.
Parable of the Prodigal Son—
The Carousal.

Parable of the Prodigal Son— The Swineherd. Parable of the Prodigal Son— The Return.

Christ blessing little Children.
Christ and the rich young
Man.
Who is greatest in the King

Who is greatest in the Kingdom of Heaven.
Jesus in the House of Mary and Martha.

The Tribute Money.
The Widow's Mite.
The Miracle of the Loaves.
Miraculous Draught of Fishes.
The Transfiguration.
The Pharisee and the Publican.
Raising of Lazaus.
Christ entering Jerusalem.

Christ entering Jerusalem.
Washing the Feet of the
Apostles.
Christ weeping over Jerusalem.
The last Supper

The last Supper. Christ blessing the Bread. Christ in the Garden of Gethsemane. Christ commending his Flock

to Peter.
The Judas Kiss.
Christ before Pilate.
Christ scourged.
Christ crowned with Thorns.
Christ the Outcast of the
People.

Peter denies Christ. Christ bearing the Cross Christ arriving at Calvary. The Crucifixion. Golgotha. First Easter dawn.

The Descent from the Cross.
The Burial of Christ.
The Resurrection.

The above Views in styles of Crayon Photographs, 50 cents each, \$45.00 per 100.

### Fine Colored Photographs, \$1.50 each, \$18.00 per Dozen. (Three inches diameter; each view mounted in slider 4x7 inches.)

Christ appearing to Thomas. The three Marys at the sepulcbre. Mary Magdalen at the empty

tomb. Easter morning. The journey to Emmaus.

The ascension. The pentecost.
Christ, the comforter.
Christ, the rewarder.
Christ, the good shepherd. Ecce homo.

Mater dolorosa Peter healing the lame man. Martyrdom of Stephen. Conversion of Saul.

Angels releasing the apos-tles in prison. Death on the pale horse.
The angel shows Jerusalem
to John

#### Dore's Illustrations of the Rible.

(A collection of 230 views, a detailed list of which will sent on application Th 'I hose most suitable for exhibition purposes are included in the preceding list.)

#### The Tabernacle in the Wilderness.

The Tabernacle and Camp. loly Place and Most Holy

Holy.
3. High Priest in linen robes.
4. High Priest in "garments of beauty and glory."

5. Brazen Altar and covering

Candlestick and covering. Ark and covering.
Altar of Incense and cov-

ering. Brazen Laver. 10. Table of Shew Bread.

### The Ten Commandments.

1. Thou shalt have no other gods before me.
2. Thou shalt not make unto

thee any graven image
Thou shalt not take the
name of the Lord thy God in vain. 4. Remember the Sabbath

day 5. Honor thy father and

thy mother.
Thou shalt not kill. Thou shalt not commit

adultery.
Thou shalt not steal.

9. Thou shalt not bear false witness 10. Thou shalt not covet.
11. Moses receiving the tables of the law.

12. Moses delivering the tables.

#### The Lord's Prayer.

1. "Our father who art in heaven."
"Thy will be done."

2. "Thy will be done.
3. "Give us this day our daily bread."
4. "Forgive us our debts."
5. "Lead us not into temptation."

6. "Peliver us from evil."

### "Thine is the kingdom." Life of St. Paul.

Martyrdom of Stephen. Conversion of Paul.

2. Conversion of Paul.
3. Paul at Athens.
4. Paul at Ephesus.
5. Paul at Malta.
6. Map of Paul's Travels.

#### Seven Churches of Asia.

Ephesus. Smyrna.

Pergamos. Thyatira.

5. Sardis. 6. Philadelphia. Luodicea.

#### The Prodigal Son.

(With descriptive reading.) From the brilliant and well known paintings by Dubufe, the celebrated French artist. The Carousal .-- Riotous

Living

2. The Swine Herd.—"I perish with Hunger."
3. The Return. "Father, I have sinned Against Heaven, and before Heaven,

#### Bunyan's Pilgrim's Progress. (With descriptive reading.)

1. Pilgrim and his Burden. 2. The Shining Light.

The Slough of D spond. Pilgrim at the Gate

Christian and the Three Shining Ones. Pilgrim and The Lions. Christian Armed. Fight with Apollyon. Vanity Fair. The Pilgrims Found

10. The

Sleeping. Pilgrims and The Shepherds.

12. Passing through The Waters.

## Christiana and her Children.

(Sequel to Pilgrim's Progress, with descriptive reading.)

 The Letter.
 Christiana and her children leaving City of Destruction

3. Mercy at the Gate.

4. The Shepherd Boy in the Valley of Humiliation.
5. The Valley of the Shad-

5. The Valley of the Shad-ow of Death.
6. The Pilgrims at the house of Gaius.
7. The Cave of the Giant.
8. Death of Giant Despair.
9. Despondency and Daughter released from the Doubting Castle.

10. The Land of Beulah.

11. Christiana about to cross

the River.
12. Christiana borne to heaven by angels.

### Life's Eventful Voyage.

(From Langenheim's Designs.) In this beautiful Allegorical Series, the Voyage of Life is represented under the sinitude of a Boat, over which a Guardian Anyel constantly novers

1. CHILDHOOD-The boat is crowded with joyous little occupants.

2. YOUTH—The number has

diminished, but every face is radiant with jov.

3. MANHOOD—is full of vig-

or—the boat rushes on the rocks, but is saved from destruction by the strong arm of the

the screen voyager. 4. OLD AGE - ("last scene of all that ends this all that ends this ry,") shows the boat almost motionless, drifting towards the unknown, its sole ocovercome by cupant the infirmity of age. pointing upwards the heaven beyond where the weary are at rest.

#### Cole's Voyage of Life.

From the celebrated paintings Thomas Cole, the distin guished American Artist. 1. Childhood.

Fair childhood st illumed with light. starts. And pleasing visions trance the sight."

2. Youth. "Then Then youth arrived How fair the view!
ow radiant upw arrives.

How upward shines the blue! 3. Manhood. "What now O God, thro"

this stern s rife Can keep the voyager, save his life?"

4. Old Age, "While o'er the dark receding storm,
Bright breaks the light of engless morn.

The above Views, in styles of Crayon Photographs, 50 cents each, \$45.00 per 100.

(Three inches diameter; each view mounted in slider 4x7 inches.)

- The Infant.
   The School Boy.
   The Lover.
- The Soldier. 4.
- The Justice.
- 6. The Lean and Slippered
- Pantaloon. 7. The Last Scene.

#### The Gambler's Career.

(With descriptive reading.)

- 1. The first seed of the passion planted in young mind.
- 2. The development of the passion with higher
- stakes.
  3. Finding himself always the loser, he resorts to
- false play.
  e is detected, and roughly handled by his 4. He friends.
- 5, Having lost his all, he leaves the gambling house in despair and madness.
- 6. He ends his life in a madhouse, still occupied with his ruling passion.

#### The Drunkard's Career.

(With descriptive reading.)

- 1. Domestic happiness-the of earthly greatest happiness. " Lead
- 2. The temptation. "Lead me not into tempta-tion."
- 3. Introduction of sorrow.

  A loving heart made sad.
- 4. The rum-hole a substi-tute for home.
- 5. Rum instead of reason.
- 6. Degraded humanity.
  7. The cold shoulder by old friends.
- 8. Rumseller's gratitude rejection instead of injection.
- 9. Poverty and want.
  10. Robbery and murder the results of drunkenness.
- 11. Mania a potu, the horror of horrors.
- 12. The death that precedes eternal dea h.

## Ten Nights in a Bar Room.

- (With descriptive reading.)
- 1. The arrival at the "Sickle and Sheaf.
- 2. Joe Mo gan's Little Mary begs him to come home.
- Slade throws a glass at Joe Morgan and hits Mary 4. Joe Morgan suffering the
- horrors of Delirium Tremens.
  eath of Joe Morgan's 5. Death eath of Joe Little Mary.

- Shakespeare's Seven Ages. 6. Frank Slade and Tom Wilkins riding off on a
  - spree.
    7. Willie Hammond is induced by Harvey Green to gamble.
  - 8. Harvey Green stabs Wil lie Hammond to death. 9. Quarrel between Slade and his son Frank. 10. Frank Slade kills his

  - ank Slade kills l Father with a bottle. 11. Meeting of the Citizens in the Bar-room.
  - 12. The departure from the "Sickle an | Sheaf."

#### The Bottle.

(With descriptive reading.) (From Cruiksharks Celebrated Des gns.)

- 1. The bottle is brought out for the first time. The husband induces his wife "just to take a drop."
- 2. He is discharged from his employment for drunk-enness. "They pawn their cicthes to supply the bottle.
- 3. An execution sweeps off the greater part of their furniture. "They com-fort themselves with the bottle."
- 4. Unable to obtain employment, they are driven by poverty into the streets to beg, and by this means still supply the bottle.
- 5. Cold, misery and want destroy their youngest child. "They console themselves bottle." with
- 6. Fearful quarrels and brutal violence are the natural consequences of the frequent use of the bottle.
- 7. The husband in a state of furious drunkenness kills his wife with the instrument of all their misery
- 8. The bottle has done its work—it has destroyed the infant and the mother; it has brought the son and daughter to vice and to the streets, and has left the father a hopeless maniac.

#### The History of Johnny Short.

- (From Original designs by Beard; with an Amusing Descriptive Poem.)
- 1. Introduces Johnny Short -an unsophisticated young man from the country.

- mima, the tavern-keeper's pretty daugh-ter, of whom Johnny 2. Jemima, is enamored.
- 3. The flashy gambler who captivated Jemima.
- 4. Johany is rejected—feels
  bad, and takes a drink.
  5. Continues drinking, and
  becomes a drunkard.
- 6. Makes his bed in the gut-
- ter. 7. Where he is disturbed by
- an old porker.
  8. Is rescued by a Temper-
- ance man.
  9. Signs the Pledge, and goes to work.
- 10. And becomes a reformed man. 11. Family disarrangements
- of Jemima and her husband.
- 12. Johnny happily married.

### The Stomach of the Drunkard.

- (With descriptive reading.)
- 1. Stomach of a Temperance Man. 2. Stomach of the Moderate
- Drinker. 3. Stomach of the Drunk-
- ard. 4. Stomach after a De-
- bauch. 5. Stomach of a hard Drink-
- 6. Stomach of a h abitual Drunkard.
- 7. Stomach of a Drunkard on the verge of the grave.
- 8. Stomach during Delirium Tremens.

## William Jackson's Treat.

- (With Poem.) ore Champagne! re-marked Wm. Jackson. 1. More Foreign stuff, with a
- genuine tax on. 2. Bourbon again—and oh, I say, I'm Will Jackson. Hang it up till Satur-
- day.
  3. Don't you go to thinkin' I'm bust.
- I'm Bill Jackson, Guv, can't you trust? 4. Bill goes out, and the next you hear
  - and the Of his last treat, off the the end of a pier.

#### The Drunkard's Daughter.

With Descriptive Reading.

- 1. Her mother dying, she is left alone in the world. 2. She endeavors to support
- herself by sewing shirts. Payment for her work is refused for alleged imperfections.

### Fine Colored Photographs, \$1.50 each, \$18.00 per Dozen. (Three inches in diameter; each view mounted in slider 4x7 inches)

4. Unable to pay the rent, she is turned into the street.

5. In a moment of despair she plunges into eternity.

6. Take her up tenderly, lift her with care.

#### The Two Paths of Virtue and Vice.

- Childhood. Youth.
- Manhood. 4. Old age.

#### The Life of a Country Boy.

- 1. Leaving Home.
  2. Temptation and Fall.
  3. Farther on—Gambling.
  4. At last—The Forged

### Check. The Ill-Fated Ship.

- 1. The Ship leaving the
- 1. The Snip Wharf. 2. The Ship sailing with a Fair Wind. 3. The Commencement of
- Storm.

  Height of the Storm.

  The Ship on Fire!

  The Raft.—Saved!

## The Life of a Ship.

1. Ship leaving Port. Ship among Icebergs

boats.

3. Ship on Fire. 4. Ship lost—crew saved in

## Tam O'Shanter.

(Rob't Burns.)

- i. Tam's wife "nursing her wrath."
- 2. Tam carousing with Souter Johnny.
  Tam mounts "gray mare
- Meg."
  4. The witches dance at
  Alloway Kirk.
  5. "Out the hel.ish legion
  sallied."
  "The way mare Meg
- am's gray mare Meg loses her tail.

## Cotter's Saturday Night.

(Rob't Burns.)

- 1 "The toil-worn cotter" from returning labor.
- 2. His little children meet him with noise and glee.
- "Their eldest hope, their
- Jenny, woman grown."

  Jenny's lover—"a strapping youth."

  Youth's te. der tale of
- love.
- 6. Family worship. The big Hall Bible.

#### Uncle Tom's Cabin.

With descriptive reading.)

- (1. George
- (1. George Harris taking leave of his wife.

  2. An Evening in Uncle Tom's Cabin.

  3. Escape of Eliza and Child on the Ice.
- 4. Uncle Tom Sold and leav-
- ing his family.
  5. Eva makes a friend of Uncle Tom.
- 6. Uncle Tom, saves Eva from drowning,
  7. George Harris resists the Slave Hunters.
  8. Eva and Topsy.
  9. Eva reading to Uncle Tom.
  10 Eva's Dying Farewell.
  11. Legree's cruelty to Uncle

- 11. Legree's cruelty to Uncle
- 12. Death of Uncle Tom.

#### Visit From Santa Claus.

(With Poem.)

- "The Children were nestled all snug in their beds."
- A miniature sleigh and eight tiny reindeer."
   And he looked like a peddler just opening peddler just opening his pack."
- 4. " Merry Christmas to all. and to all a good night.

### "How Persimmons Took Cah ob Der Baby.

(With P.em.)

- 1. Persimmons and der bab
- Persimmons' Granny.
- 3. Persimmons with baby on the raft. with the
  - 4. The mother finds her baby.

## Irving's Rip Van Winkle.

- (With descriptive reading.)
- Rip Playing with the Children.
   Rip at the Village Inn.
- 3. His Scolding Wife.
  4. Rip on the Mountains. 5. Rip returns home after a
- nap of twenty years. 6. Rip relating his story.

## The New Tale of a Tub.

(With Poem.)

- 1. Opening-the Bengal Ti-
- ger. Bengal Ease
- 3. The Artful Dodge.
  4. Look before you Leap.
  5. Under Cover.
- 5. Under Cover.
  6. The Climax of the Tail!

#### Dore's "Paradise Lost."

- (The entire series consists of 50 views, a list of which will be sent if wished. The following 12 views comprise the most desirable.)

- The infernal Serpent and his host of rebel Angels.
   The arch flend chained on the Burning Lake.
   Satan at gates of Hell.
   Saran viewing Paradise. Finds it a happy rural seat
- of various views.
- 5. Adam and Eve refreshing themselves at the fountain
- 6. Raphael's interview with Adam and Eve. 7. First fight of Michael and Gabriel against Satan and
- his Angels 8. God creates fishes and fowls.
- 9. Satan re-enters Paradise at night involved in a mist.
- 10. Sata i finds the Serpent asleep.
- The Serpent has beguiled Eve to eat of the forbidden fruit and slinks back to the thicket.
- 12. Sin and Death going on their mission to destroy.

### Dore's "Dante's Inferno."

(76 views.)

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- 19.00 per set—Uncolored Crayon Photographic Slides.

## A Leap for Life.

(With Poem.)

- New and very Dramatic.
- 1. "There stood the boy with
- dizzy brain,
  Between the sea and sky.

  "A rifle grasped
  And aimed it at his son.
  "That only chance your life
- can save;
  Jump, jump, boy?"

  4. He sank—he rose—he lived—
  he moved— And for the ship struck out.

### The Road to Ruin.

- 1. College Card Party
- Betting at the Races.
- The Arrest for Forgery
- A Struggle for Existence. 5. The End at Hand.
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  Comparative sizes of the Sun and Planets.
  True and Mean place of a Planet in its orbit.
  Law of Refract on, as ap-
- plied to Astronomical observations.
- 5. Parallels, Meridians, and Zones of the Earth and other Planets.
- 6. Inclination of the Axis of the Planets Venus, the Earth, Mars, Jupi-ter and -aturn.
- 7. Phases and apparent Di-mensions of Venus at its extreme and mean distance from the Earth.
- arth's Annual Motion around the Sun-show-ing the twelve Constel-8. Earth's lations and the sign of the Zodiac.
- 9. Eclipses. 10. Tides.
- 11. Inclination of the Moon's
- Orbit. 12. Causes Phases.
- 13. Telescopic view of the Full Moon.
- 14. Telescopic view of the Moon past quarter. the last
- 15. Telescopic view of the Mountains of the Moon; of the
- very highly magnified.

  16. Telescopic view of Mars. 16. Telescopic view of Mars. 17. Telescopic view of Jupi-
- 18. Telescopic view of Saturn
- 19. Telescopic view of the Comet of 1811.
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- 21. System of Ptolemy. 22. System of Tycho Brahe. 23. Egyptian Zodiac. 24. The Sun compiled from
- several dates
- Sun spots and faculæ.
- 26. Sun spots, 1872. 27. Sun spots, 1873. 28. Sun spots (Naysmith).
- 29. Solar prominences 1872. 80. Solar prominences 1873.
- 32. Total Eclipse of Sun, 1870

- 33. Total Eclipse of Sun, (See | 72. Nebulæ; trifid, 1874.
  Li Rue). 73. Clusters in Hercules, Li Rue)
- cyclone (Secchi), 34. Solar 1857. 35. Willow leaf appearance, (Naysmith).
- 36. Spectra of Sun, Chromosphere, Prominences
- and Corona. 37. Spectroscopic indications Rapid Motion of
- Prominences. 38. Apparent size of the Sun. seen from the principal
- planets. 39. Map of the Moon.
- 40. Comparative size of the Eirth and Moon's orbit. 41. The Earth as seen from
- the Moon.
  42. Moon's Craters, 1872. Torricelli, etc.
  43. Moon's Craters, 1872. Aga-
- tharchides, etc. 44. Moon's Craters, 1872. Cassini, etc. 45. Moon's Craters, 1873. Lin-
- no, etc.
  46. Moon's Craters, Capernicus (Naysmith).
  47. Moon's Craters, Environs of Tycho.
  48. Moon's Craters, Eclipses.
- 48. Moon's Nodes, Eclipses,
- etc. 49. Moon's first quarter.
- 50. Mars and Jupiter and Asteroids.
- 51. Eclipses and passages of the satel ites of Jupiter seen from the earth
- bird's eye view, 52. Saturn, ring system.
- 53. Saturn, position of rings, etc.
- 54 Saturn luminous points visible near the period of the disappearance of rings.
- 55 Saturn, and Ea parative size. and Earth; com-
- Uranus and Neptune. irect and retrograde motion of Mercury and 57. Direct
- 58. Comet; Dorati's, 1859.
  59. Comet; Donati's, 1859.
  60. Comet; Donati's, Head.
  61. Comet; Coggia's, 1874.
- 62. North circumpolar stars. extending about 60 degrees from the Pole.
  63. Orion and adjacent con-
- stellations.
- 64. Nebulæ; in Orion, 1859-1863.
- 65. Nebulæ; in Orion, 1874.
  central part.
  66. Nebulæ; in Andromeda,
- 1874 67. Nebulæ; in Lyra, 1874,
- ring 68. Nebulæ; in Leo, dumb bell.
- 69. Nebulæ; in Leo, elliptical annular.
- 70. Nebulæ; in Virgo, spiral. 71. Nebulæ; in Canes Venatici, spiral.

- 1874.
- 74. Seasons, length of days, etc
- 75. The Earth and Seasons. 76. Paraliaz
- 77. Refraction, light and heat. parallax,
- 78. Ecliptic Chart.
  79. Discovery of Planet.
  80. Visible Heavens, Jan. 21
- to April 17. 81. Visible Heavens, 18 to July 21.
- 82. Visible Heavens, July 22
- to Oct. 31. 83. Visible Heavens, Nov. 1
- to Jan. 20. Hemisphere.
- Northern. Yeatial Hemisphere, 85. Celestial
- Southern.
- 86. Construction of Reflecting Telescopes.
  87. Lord Rosse's Telescope.
  88. Sir William Herschel's
- Herschel's 88. Sir William Herschel's Telescope.
  89. Interior of Astronomical
- Observatory.

### (See "Additional Scientific.")

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## SpectrumAnalysis

- 1. Decomposition of Light by prism.
- 2. Comparative intensity of heating, luminous and chemically active Rays. 3. Fraunhofer's Map of Solar

- 3. Frannholer's map
  Spectrum.
  4. The Spectroscope.
  5. Spectra of the Sun, Beta
  Cygni and Hydrogen.
  6. Spectra of Potassium, Ruhidium, Sodium, and
- Lithium.
- 7. Spectra of Carbon, Comet II. (1868), Spark and Nebulæ.
- Nebulse.

  Nebulse.

  Spectra of Aldebaran and Alpha Orionis.

  Kirchoff's Map (from 194 to 220) and Rutherford's Photograph of same.

  Spectra of Chlorophyll, Chloride of Uranium, 10. Spectra
- Magenta and Blood.
- 11. Gassiot's Spectroscope.
  12. Huggin's Map of Metallic Lines, from 320 to 2790.
  13. Huggin's Map of Metallic Lines, from 2790 to 5250.
  14. Huggin's Star Spectroscope.
- 15. Map of Solar Spectrum,
- 15. Map of Solar Spectrum, from 38 to 163.
  16. Map of Solar Spectrum, from 162 to 287.
  17. Map of Solar Spectrum, from 283 to 406.
  18. Chirolidese 406. Spectrum
- 18. Coincidence of Spectrum of Iron with 65 of the Fraunhofer Lines. 19. Spectra of the Sun, Chro-
- mosphere, Prominence and Corona. 20. The Atmospheric Lines.

(See also " Additional Scientific,"

### OPTICS.

- 1. Reflection
  2. Formation of Image
  Plain Mirror.
  Of Image by

- Plain Mirror.

  S. Formation of Image by Convex Mirror.

  Formation of Image by Concave Mirror.

  Foci of Concave Mirrors.

  G. Refraction of Light.

  Laws of Refraction and total Reflection.

  Refraction in Body with Parallel Sides.

  Forms of Lenses
- 9. Forms of Lenses.
- 10. Formation of Image by Double Convex
- 11. Formation of Image by
- 11. Formation of Image by Plano-convex.
  12. Formation of Image by Concave Lens.
  13. Spherical Aberration.
  14. Action of Prism—Chromatic Dispersion.
  15. Chromatic Aberration—

- Achromatic Prism and Lens.
- 16. Diagram to explain Wave Lengths
- 17. Double Refraction—Iceland spar-Nichol Prism.
- 18. Polariscope, etc.
  19. Colored Rings in uniaxial
- Crystals with polarized Light.
  20. Colored Rings in nealed glass Cube. in unan-
- (Diagram with movements showing Wave Motion in its application to the Laws of "Light," \$5.00.)

(See also " Additional Scientific."

## GEOLOGY.

- The Geological Record. eal Section Earth's Crust. 2. Ideal of
- Thickness of the Earth's
- Crust. Section of a Volcano in
- Action. 5. Fingal's Cave.
- Grotto of Antiparos.
- 7. Glacier, Mount Rose,
- Switzerland. Glacier Tables. Coral Island.
- Corals 10. 11. Rain Drop Marks.
- Trilobites
- Ammonites 14. Pterichthys. Coccostes, Cephalaspis.
- 15. Fossil Fern, Impression of.16. Forest of the Coal Period.17. Ichthyosaurus, Plesiosaurus and Pterodactyle.
- Megatherium Skeleton. Fossil Footmarks 20. The Mammoth Restored.
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#### Additional Geological Illustrations.

- 21. Skeleton of Plesiosauras.
- 22. Sigilari.
- Lepidodendron. Tracks (The Stone Books).
- 25. Bone Cavern (Wirksworth, Eng.).
- Skeleton of Mastodon.
- Pentacrimites Briareus 28. Apiocrinites and Actinocrinites.
- 29. Pterodactyle
- Lava Arch, Iceland. 31. Foraminifera (from Atlan-
- tic Soundings).
  32. Dinornis Mantelii.
  33. Section of the Cavern of
  Gailenreuth (Hartz).
- 34. Sandstone Columns in Sax-
- 35. Skull of Mosasaurus
- 36. Temple of Serapis (Puzzu-
- olo). he Dodo (an extinct 37. The
- 38. Convoluted strata
- 39. Skeleton of Ichthyosau-
- 40. Diplacanthus striatus.

#### Ideal Geological Landscapes.

- Silurian Period.
- Devonian Period
- Transition Period
- Carboniferous Period.
  Forest of Coal Period.
  Permian Period.
  Triassic Period.

- 8. Conchylian Sub-Period.
  9. Saliferous Period.
- Lower Oolite Period.
   Lower Cretaceous Period.
- 12. Cretaceous Period.
  13. Eocene Period.
  14. Miocene Period.
  15. Drift Period.

- 16. Recent Period.

#### Extinct Animals.

(With descriptive reading.)

- 1. Plesiosaurus, Teleosaurus, Ichthyosaurus, Penta-Ammonites, crinites.
- Gryphæa. 2. Megalosaurus, Pterodac-
- Iguanadon, Hylæosaurus.
   Anoplotherium Commune,
- Anoplotherium Gracile, Pelæotherium.
- 5. Megatherium, Glyptodon, 6. Elephas Primigeneous, Hy-æna Spelæa, Hippotamus Major, Ursus Spelæus, Machairodus Latidens.

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3. Section of the Spine, etc.
4. Teeth, structure, etc.
5. Muscles, front view.
6. Muscles, back view.
7. Muscles of the head, neck and face.

The Digestive Organs.

9. Intestines.
10. Stomach, Liver, Pancreas.
11. The Thoracic Duct.
12. Heart and Lungs.

13. Diagram of Circulation. 13. Diagram of Circulation.
14. Skin, structure of.
15. Brain and Spinal Chord.
16. Nervous System.
17. Fifth pair of Nerves.
18. Facial Nerves.
19. Diagram of the Eye.
20. Anatomy of the Ear.

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Sword Fish. Tiger Torpedo. Turtle. Walrus. Whale. Whippoorwill. Wolf Zebra.

(See Lecture Set, "Walk in the Zoo," 48 Views.)

## BOTANY.

Parts of a Plant. Germination. 3. Roots.

Stork

3. Roots.
4. Buds and Leaves.
5. Flowers and Inflorescence.
6. Stamens and Pistils.
7. Exogenous Structure.
8. Crowfoot Family—Colum9. Pink Family. [bine, etc. 9. Pink Family. 10. Tobacco.

11. Clover. Apple.
 Rose.
 Melon.

15. Composite Family—Chicory and Caliopsis.

16. Oak. 17. Fir and Hemlock Spruce. 18. Endogenous Structure.

19. Date Palm. 20. White Garden Lily.

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Dahlia Dicentia. Figs and Olives. Fuschia. Geranium. Holly Hyacinth.

nex. Lily, Japanese. Johnsoni. 3.2 of the Valley.

Pond. Magnolia and Passion Flower. Nasturtium. Nutmeg.

Oleander Pelargonium. Peony. Peruvian Bark. Pine Apple. Pitcher Plant. Pomegranate. Poppy. Sarracenia. Stanhopea.

Stock Gilliflower. Strawberry, Flowers and Fruit.

Tulip. Vanilla. Venus Fly-trap. Viburnum. Violets.

## Natural Phenomena.

(With descriptive reading.)

1. Rainbow

Aurora Borealis.
 Will o' the Wisp.
 Water Spouts.
 Sand Storm.

6.

Geysers. Falls of Niagara. 8. Coral Reefs.

9. Glacier, Sea of Ice. 10. Volcano.

12. Prairie on Fire.

## Crystallography.

1. Primary Forms.
2. Regular System.
3. Quadratic System.
4. Hexagonal System.
5. Rhombic System.
6. Monoclinic System.

Triclinic System. 8. Ice Flowers (Tyndall).
9. Snow Crystals.

10. Ice Crystals.

Jaguar. The above Views in style of Crayon Photographs, 50 cents each, \$45.00 per 100.

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## Nineveh and Babylon.

(From Layard's Work.)

1. Palace of Sennacherib.

2. Entrance to a Temple. do 3. ob do

do

5. Process of Removing the Sculptured Slabs.

6. Sennacherib on Throne.
7. Pul or Tiglath Pileser in his Chariot.

Jewish Captives. Warriors Driving over their

Enemies

10. Flaying a Prisoner alive.11. Besieging a city.12. Removal of scalpture of a

colossal Bull. Tools and workmen for

moving do.

14. Scales, etc. — Illustrating system of weights.
15. Bottles of Glass and Earthenware.

Pitcher of Soapstone. Terra-Cotta Tablet of In-

dian Dog. Engraved Seal. 19. Coffins of glazed earthen-

ware. 20. Cuneiform the inscriptions; with characters with parallel columns, show-ing the same names in Hebrew and English.

### Assyrian Antiquities.

Nisroch.

The Great King. Nimroud.

4. Expulsion of
Good Spirit.
5. Plan of Babylon. Evil by

6. King putting out Eyes of Captive. Sardanapalus and Altar.

8. Statue of Cyrus.
9. King on Throne with Attendants.

10 Sennacherib.

Ruins of Babylon. Ruins of Sus. 13. Mount Ararat

Birs Nimroud 15. Source of Tigris.

Urfah. and Ruins of

17. Hamadan and Ruin Castle Darius. 18. Ruins of Persepolis. 19. Interior of Caravanserai.

20. Great Mosque of Urfah.

## Egyptian Antiquities.

1. Wine Press. Royal Boat.

Armor.
 Cooking Utensils.

A Harper. 6. Chair from Tomb Rameses

Ewer and Basin 7. Golden from ditto.

8. Brick Making. 9. Te Mummied Bull Apis.

10. Typical

Typical Heads Greek, Assyrian, and Egyptian. Necklace and Earrings of Menes, the first Pharaoh, 2750 в. с.

12. Judgment of the Dead.

13. Mummy Cases.

Couch. 15. Granary.

16. Mourners

17. Signet Rings.
18. Chariots.
19. Workers in Metal.
20. Great Rock Temple.

#### Grecian Antiquities.

1. Plan of Athens.
2. Ancient Athens Restored.
3. Ruins of Athens.
4. The Pyræus.
5. Mars Hill.
6. Philesephoric Carden.

Philosopher's Garden. Ruins of the Parthenon. The Parthenon restored.

Jupiter 9. Temple of Temple of Jupiter a Olympia.
Oracle at Delphi.
Sacrifice to Neptune.
Sarifice to Mars.
Statue of Pallas Athenæ.
Olympian Games.
Grecian Warriors.
Grecian Warriors.
Grecian Dwalling

14.

16. Grecian Dwelling. Grecian Ceremony before

Marriage. 19. The Areopagus.20. The Assembly of Gods.

### The Old Roman World.

(With Descriptive Reading.) 1. Liberality of the Roman

Women.

2. Cornelia and her Jewels.
3. A Roman Chariot Race.
4. The Vintage Festival.
5. Death of Cæsar.

6. Roman Prisoners Passing under the Yoke. 7. A Roman Feast

8. Antony and Cleopatra.
9. Gladiators Going to the

Circus.

10. The Victorious Gladiator's Appeal.

11. Destruction of Pompeii

12. The Wild Beasts and their Victims in the Coliseum.

#### The Catacombs of Rome.

(From Bishop Kip's Work.)

1. Ground Plan.

2. A Gallery.
3. Tomb of Valeria.
4. Tomb of Gemella.
5. Tomb of Lannus, Christian

Martyr.
Tomb of Victoria, Christian Martyr.

7. Tomb of Veneria, the wool carder, showing the implements of his trade.

plements of his trade.

8. Antique Lamp sculptured on a Tomb, with symbol of Fish, and Constantinian monogram.

9. Signet Ring, with symbol of ship, fish, dove.

10. Sketch of Painting found in the Catacombs—
"Christ the Good Shop."

in the Cataconnes.
"Christ the Good Shep-

#### Chinese Habits and Customs.

Street in Canton.

2. Temple of Buddha.
3. Great Temple at Honan.
4. Porcelain Tower, Nanking.
5. Apartment in a Mandarin's House.

6. Mandarin paying a visit of ceremony. Marriage Procession.

8. Feeding silk worms.

9. Itinerant Barber. 10. Opium Smoker. 11. Kite Flying. 12. Chinese Cemetery.

## MAPS.

Map of United States. British Isles.

Europe. Asia

66 Palestine. London.

Paris. Rome Ancient. Rome Modern.

Jerusalem. Pisa.

Venice. 66 The River Nile. 6.6 Northern Italy.

Florence "The Walls of Rome.
Plan of the Vatican.
Ground Plan of St. Peters.
Plan of Waterloo.

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#### UNITED STATES HISTORY.

Landing of Columbus, 1492. Mexico conquered by Cortez, 1521.

De Soto discovering the Mississippi, 1541. Landing at Jamestown, 1607.

Smith rescued by Pocahontas, Landing of Hendrick Hudson,

1609 Marriage of Pocahontas, 1613. Embarkation of the Pilgrims,

Landing of the Pilgrims, 1620. March of Miles Standish, 1620. Landing of Roger Williams, 1686.

Gov. Stuyvesant destroying the Summons to surrender, 1664. Penn's Treaty with the Indians, 1682.

Braddock's Defeat, 1755. Washington at Fort Duquesne, 1758. Death of Wolfe, 1759.
Patrick Henry's Address, 1765.
Boston Massacre, 1770.
Boston Tea Party, 1773. Washington going to the First Congress, 1774. First Prayer in Congress, 1774.

Battle of Lexington, 1775. Struggle on Concord Bridge, 1775. Retreat of the British from Concord, 1775. Putnam leaving the Plough. Putnam's Escape. Capture of Ticonderoga, 1775. Washington taking Command Washington taking Command of the Army, 1775.
Battle of Bunker Hill, 1775.
Death of Montgomery, 1775.
Evacuation of Boston, 1776.
Battle of Fort Moultrie, 1776.
Drafting the Declaration of Independence, 1776.
Signing the Declaration of Independence, 1776.

dependence, 1776.
Signatures to the Declaration.
Battle of Long Island, 1776.
Washington crossing the Delaware, 1776.
Battle of Trenton, 1776.
Battle of Princeton, 1777.

Battle of Bennington, 1777. Battle of Germantown, 1777. Battle of Saratoga, 1777. Surrender of Burgoyne, 1777.
Washington and Congress at
Valley Forge, 1777.
The Prayer at Valley Forge,

Battle of Monmouth, 1778.

Moll Pitcher at Monmouth,
1778.

Massacre of Wyoming, 1778.
Capture of Stony Point, 1779.
Action between the Serapis and Bon Homme Richard, 1779.

Battle of King's Mountain, 1779. en. Marion and the British

Gen. Marion and the British Officer, 1780.
Treason of Arnold, 1780.
Capture of Andre, 1780.
Reading the Death-warrant of Andre, 1780.
Battle of the Cowpens, 1781.
Lee's Cavalry at Guilford C.
H 1781.

H., 1781. Battle of Eutaw Springs, 1781.

Surrender of Cornwallis, 1781. Evacuation of New York, 1783. American Army entering New York, 1783.

Washington resigning Commission, 1783.

Fac-simile of Washington's Letter, 1785. Constitutional Convention, 1787.

Inauguration of Washington,

The First Cabinet, 1789. Gen. Wayne defeats the Miami Indians, 1794.

First Congressional (from an antique Caricature), Death-bed of Washington,

1799 Hamilton and Burr, 1804 Decatur's Conflict at Tripoli.

1804. Battle of Tippecanoe, 1811. Constitution and Guerriere,

1812. United States and Macedonian, 1812.

1812.
Death of Capt. Lawrence, 1813.
Capture of Ft. George, 1813.
Massacre at Ft. Mims, 1813.
Com. Perry at Lake Eric, 1813.
Death of Tecumseh, 1813.
Gen. Jackson and Weatherford, the Indian Chief, 1814.
Battle of Chippore, 1814.

Battle of Chippewa, 1814. McDonough's Victory on Lake Champlain, 1814. Battle of Plattsburg Bay, 1814. Battle of New Orleans, 1815. Battle with the Seminoles, 1835,

Battle of Resaca de la Palma, 1846. Battle of Buena Vista, 1847. Battle of Contreras, 1847. Storming of Chapultepec, 1847. Scott entering Mexico, 1848.

Fort Sumter in Peace, 1861. Bombardment of Ft. Sumter, 1861.

Mass. Regiment passing thro' Baltimore, 1861. Assassination of Ellsworth.

1861. Ellsworth Revenged, 1861. Battle of Rich Mountain, 1861. Battle of Bull Run, 1861.

Plan of Bull Run.
Battle of Wilson's Creek, 1861.
Battle of Ball's Bluff, 1861. Bombardment of Port Royal,

1861 Battle of Mill Creek, 1862. Battle of Roanoke Island, 1862. Capture of Ft. Donelson, 1862. Battle of Pea Ridge, 1862. The Monitor and Merrimac,

1862. Bird's-eye View of Fortress

Monroe.
Battle of Newbern, 1862.
Battle of Kelly's Ford, 1862.
Bombardment of Island No.

10, 1862. Battle of Shiloh, 1862. Bombardment of Ft. Pulaski, 1862

Capture of New Orleans, 1862. Battle of Williamsburg, 1862. Battle of Fair Oaks, 1862. Attack of Gunboats on Mem-

phis, 1862. Battle of Malvern Hill, 1862. Battle of Chantilly, 1862. Battle of Antietam, 1862. Battle of Fredericksburg, 1862.
"—Dead

around Flag of 8th Ohio. Battle of Murfreesboro, 1862. Siege of Vicksburg, 1863. Battle of Gettysburg, 1863. Siege of Port Hudson, 1863. Battle of Chickamauga, 1863. Battle of Lookout Mt. 1863. Assault on Fort Wagner, 1863. Battle of the Wilderness, 1864. Siege of Petersburg, 1864. Kearsage and Alabama, 1864. around Flag of 8th Ohio Kearsage and Alabama, 1864. Battle of Mobile Bay, 1864. Bombardment of Ft. Morgan,

1864. Capture of Atlanta, 1864. Sherman's March, 1864. Capture of Savannah, 1864. Capture of Ft. Fisher, 1864. Surrender of Lee, 1865. Assassination of Lincoln, 1865. Capture of Jeff. Davis, 1865.

#### Army Scenes and Incidents.

Picket Line. Return from Picket Duty. In Line for Soup. Soldier on Duty. Soldier's Home. Woman's Mission Home from the War. American Flag. Eagle on Shield. Liberty and Banner.

Tramp, tramp, the Boys are
Marching—Set of two slides;

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#### Life of Garfield.

Young Garfield on the Towpath. Garfield at Battle of Chickamauga. Garfield taking Oath at In-

auguration. The Shooting of Garfield.

Smith supporting Garfield. in Bed at White Garfield

House. Arrest of Assassin. Guiteau in Prison Cell. Garfield in Car going to Long

The Cottage at Long Branch. Garfield and Wife at Cottage Window.

Death-bed of Garfield. After Death. A Brave Struggle ended. he Catafalque of Garfield, The

Cleveland. Catafalque and Funeral Car. Garfield's Mother praying beside Catafalque. People viewing Body of Gar-

field. Lawnfield-Garfield's Home, near Mentor.

near Mentor. Garfield's Letter to his Mother. Garfield's Favorite Hymn. Portrait of Garfield. Portrait of Garfield's Mother. Portrait of Garfield's Mother. Garfield Family Group Guiteau on the Scaffold.

#### Ode Drake's to the American Flag.

(With Poem.)

"When Freedom from her Mountain Height"—The Banner in the Sky.

Banner in the Sky.

2. "Majestic Monarch of the Cloud"—American Eagle.

3. "Flag of the Brave, thy Foldic shall fly"—Battle of Princeton.

4. "And, when the Cannon-mouthings loud"—Battle of Chipneyse.

of Chippewa.

5. "Flag of the Seas! on Ocean Wave."—Battle of

Plattsburg Bay.
6. "Flag of the Free Heart's Hope and Home"—The Star-spangled Banner.

### Life of Washington.

The Cherry Tree Incident.
Young Washington as a
Peacemaker.
Courtship of Washington. 2.

Washington Crossing the

Delaware. The Prayer at Valley Forge Inaugural Address of 6. The

Washington. Lafayette at Mt. Vernon.

8. Last Moments of Washing

#### ENGLISH HISTORY.

Battle of Shrewsbury, 1403. Murder of the Princes in the

Tower, 1483.
Marriage of Henry VIII. and
Anne Boleyn, 1533.
Last moments of Mary, Queen of Scots, 1587.

of Scots, 1987. Charles I. parting with his Children, 1649. Cromwell dissolving the Par-liament, 1654. Cromwell refusing the Crown,

1656.

Defoe in the Pillory, 1702. Battle of Trafalgar, 1805. Quatre Bras, 1815. Relief of Lucknow, 1857. Charles I

Duke of Wellington. Lady Jane Grey. Lord Nelson. Prince of Wales.

rince of Wales. Queen Anne Boleyn. Queen Elizabeth. Queen Mary ("Bloody Mary"). Queen Mary of Scots. Queen Victoria.

Wolf Tone.

#### IRISH HISTORY.

St. Patrick going to Tara, Marriage of Strongbov Eva, 1169. Siege of Limerick, 1651. John Philpot Curran. Robert Emmet. Lord Edw. Fitzgerald. Henry Grattan.
Daniel O'Connell.
Chas. S. Parnell.
Sarsfield, Earl of Lucan.

#### FRENCH HISTORY.

Storming of the Bastille, 1789. Louis XVI. and the Mob in Tuileries, 1792. Napoleon Crossing the Alps, 1798.

Napoleon at Sommo Sierra.
Battle of Austerlitz, 1805.
Napoleon at Sommo Sierra.
Battle of Wagram, 1809.
Battle of Waterloo, 1815.
Napoleon parting with the Old Guard, 1815.
Napoleon parting with his

Napoleon parting with his Son, 1815.
Napoleon at St. Helena, 1815.
Death of Napoleon, 1821.
Napoleon's Clemency to the South

Sentinel. Napoleon visiting the Ambulance.

Barnave, Deputy, 1793. Camille Desmoulins. Charlotte Corday. Danton.

Empress Eugenie. Joan of Arc.
Louis XVI.
Louis XVII.
Madame Elizabeth.

Madame Roland. Marat. Marie Antoinette. Marshal Ney.

Mirabeau. Napoleon l Napoleon III.

Pompadour. Robespierre. St. Just.

### Additional Historical Subjects. United States History.

First Sabbath Puritans' America. John Brown on his way to Execution. Destruction of Gosport Navy

Yard. Struggle on the Bridge at Man-

28828. Battle of Cedar Mountain. "Chancellorsville. Farragut at Mobile Bay. Deathbed of Lincoln.

Barbara Freitchie.

#### ENGLISH HISTORY.

Parting of Sons of Edward IV. The Princes in the Tower. Mary Stuart and Rizzio. Stuart mourning Mary Douglass. Deathbed of Queen Elizabeth. Meeting of Wellington and Meeting Blucher.
Nelson on the San Josef.
Death of Nelson.
Princess Elizabeth. Earl of Essex Sir Walter Raleigh. Henry VIII.

### FRENCH HISTORY.

Roll Call—Reign of Terror. Death of Marat. Prison Corday at Charlotte

Window. Marie Antoinette at Trianon. Louis XVI. and Family in Prison.

Family of Louis XVI. awaiting Marie Antoinette in Prison. Marie Antoinette before the

Tribunal. Marie Antoinette on her way to

Execution. apoleon at the Pyramids. Napoleon on board the Belle-

rophon. Empress Josephine. Marie Louise.

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Absorbed in Robinson Crusoe. Accepted After the Storm. Age and Infancy. Marshall. Age of Gallantry. Boughton. Age of Gold. Agnus Dei. Alarm, The. Alarm, The. Detaille. Alexander and Diogenes. Land-All that was left of the Home-All that was left of the Home-ward Bound, Riviere.
Almee, Dancing Girl, Gerome.
Alone at last, Tofans,
Always speak the truth. Nicol.
Amateur Quartette.
American Eagle on National Shield. American Flag. American Railway Station. Amour Sharpening Ins Danse.
Ancient Custom. Gerome.
Ancient Greek Costume.
Angel Choir. Reynolds.
Angel of Light.
Angel of Peace. Kaulbach.
Angle of Purity.
Appian Way, Rome. Boulanger.
Appile Dumplings. Neslie.
Anne Gathering. Thompson. Apple Gunphugs. Arobe. Apple Gathering. Thompson. Aquarium. Brochart. Arabian Advance Post. Schreyer Arab Outpost. Schreyer. Arab Sheik Travelling. Schreyer Hamon. Aurora. Autumn. Babes in the Wood. Babes in the Wood. Chant.
Baby's Better. Staples.
Baptism of the Covenanters.
Barber, The. Fitzgerald.
Barber Shop of Licinius, Rome.
Barcarolle by Moonlight. Gleyre
Bargaining for a Horse. Mount.
Bassanio and Portia.
Bassanio and Portia.
Beatrice Cenci. Berager.
Beatrice Cenci. Reni.
Been to Town Been to Town.
Believer's Vision.
Bell Rock Lighthouse. Turner. Blacksmith. Blacksmith.
Blessings of the House and Field. Becker.
Blindman's Buff.
Blindman's Buff. Th Schor.
Blue Bird. Lejeune. Bolton Abbey. Landseer. Both Puzzled. Nicol. Boy with many Friends Bridal Party, Bay of Naples. Brown Study. Huggins. Buffalo Hunt. Bulldozing. Burgomaster's Fete, The. Burial of the Bird. Burns and Highland Mary. Burns Plowing. Burterfly, Chase.
Butterfly Chase.
By the Sea Side. Brochart.
Call to Prayer. Gerome.
Can't you talk ? Holmes.
Catching the Crawfish.
Cattle at Watering. Bonheur.

Cavalry Charge. Dubaste. Challenge. Landseer. Cherry Ripe. Millais. Cherry Ripe. Millais. Cherubs. Raphael. Chicken's Life Boat. C Charodeau Children making Wreaths. Von Bremen. Children's Friend. Chimney Sweep. Hardy. Chorister Boys. Christmas Evening — Happy Home. Christmas Evening — Homeless Christmas Presents. Lobrichon. Christmas Tree. Dieffenbach. Cinderella, Lejeune.
Circe, Riviere.
City of Ancient Greece. Linton.
Clear the Track. Schuessele.
Cleopatra's Galley. Picon.
Cocker and Woodcock.
Coming through the Rye.
Companyers. Gruetaner. Cinderella. Lejeune. Connoisseurs. Gruetzner. Conversion of Emp. Constantine Cornelia and her Jewels. Scho-Corners and the Pasha. Gerome.
Couriers of the Pasha. Gerome.
Critics, The.
Crossing the Tay.
Crown, The.
Cupid a Captive.
Cupid Asleep. Perrault.
Cupid Disarmed.
Dance of the Veil. Richter. Dance of the Veil. Rich Dauphin, The. Death of Cæsar. Death of the Wild Boar. Richter. Death Struggle.
Deer-stalker's Return. Land-Defiance. Coomans. Departure of the Battalion. De Neuville.
Deserter, The. De Neuville.
Devotedness, Dog saving Child.
Discovery, Father buried by an Avalanche.
Distinguished Member of a Benevolent Society. Bateman.
Distinguished Member of the Humane Society.
Donkeyster Sweepstakes.
Pream of Hope. Brooks. Departure of the Battalion. De Dream of Hope. Brooks. Driving a Pair. O'Neill. Dream of Hope. Brooks.
Driving a Pair. O'Neill.
Dying Toreador. Giraud.
Early Dawn.
Early Morn.
Eddystone Lighthouse.
Effle Deans. Millais.
Egyptian Feast. Long.
Egyptian Threshing Machine.
English Channel Steamer.
English Channel Steamer. English Railway Station. Enthusiast, The.
Entrance of Chas. V. into Antwerp. Markart.
Era of the Reformation. Kaulbach Eruption of Mt. Vesuvius. Evangeline. Evangeline. Berager. Evening Prayer. Evening Star.

Expectation. Explanation of the Bible. Fairy Grotto. Falls of Terni. Fallstaff Mustering his Recruits. Family Cares. Barnes. Family Happiness. He Farewell. Schroedter. Hunin. Faust and Marguerite. Feather in her Cap. Feather in her Cap.
Fetching the Doctor. Collin
Fête at Court of Cleopatra.
Fight for the Flag.
First give me a Kies.
First Snowdrop.
Fisherman's Baseon Light Fisherman's Beacon Light, Flaw in the Title. Beard. Flight from Pompeii. Flight of a Soul. Bougereau. Florentine Painter. Flower of Dunblane. Flower of Heaven. Forester's Family. Landseer. Forgotten, Noble. Foundling Girls. Fountain of Love. Fox at Bay Fresh Flowers. Friend in Suspense. Landseer. Friends or Foes. From an Unknown Shore From Shore to Shore. Dobell. Gamekeeper's Return. Cooper. Game of Life. Gardner's Daughter. Graves. Getting in Hay Gipsey Fortune Teller.
Glacier, The. Brochart.
Gladiators going to Circus. God's Acre Going to Church. Kaemmerer Going to Church. Kaemmerer.
Good Friends. Brochart.
Good-Night, Girl with Candle.
Good-Night, Words in Moonlight Sky.
Good-Night, Words in Wreath
of Flowers.
Grandma's Sleep at Noon.
Grandmother's Favorite.
Great Favorite. Great Expectations. Lejeune. Greedy Calves. Weber. Greek Maiden. Gretchen and her Pet Lamb. Guttenburg reading the First Proof. Half Afraid Brochart.

Hall Affaid,
Hammock, The. Brochart.
Happy as a King. Wilkie.
Happy Childhood.
Harem Favorite.
Harvest Wagon.
Hen that Hatched Ducks.
Hercules and Omphale. Rudeux.
Here they Come.
Hero.
He won't burt you. Millais.
Hide and Seek. Meyerheim.
His only Pair. Faed.
Hold on. Sissy.
Holy Family. Knaus.
Honor thy Father and Mother.
Horse Fair. Bonheur.
Hound, The. Bonheur.

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Household Industry. Detmeis. Huguenot Lovers. Millais. Image of Mamma. Schlesinger. Immaculate Conception, Muller. Murillo.

Industry. Infant Samuel. In Luck Innocents Abroad. Interesting Family. Interview between Carter. Anthony and Cleopatra. In the Highlands. Hofner. Inundation. Landseer. Inundation of the Plants. Italian Shepherd Boy. Jack in Office. Landseer.
Jealousy. Hall.
Jersey. Douglass.
Journeying in the Desert.
Jungfrau, Switzerland.
Kabyle Scout.
Kittens. The Kittens, The.
Kittens in Basket. Lambert.
Knitting Lesson. Meyerheim.
Ladies' Apartment, Rome.
Lady in Waiting. Barnes.
Lake The. Brochart.
Last Days of Pompeli.
Last Moments of Cæsar. Piloty.
Last Moments of Maximillian.
Last Offspring. Beyerschlag. Last Prayer. Last Request. Last Token. Leisure Hours. Lesson in Geography. Calix. Liberality of the Roman Wo-Coomans. man. Liberty. Life Boat. Brooks. Life in Death.
Lily of Ghent. Absolon.
Lion at Home. Bonheur. Lion Hunt. Lion's Bride. Little Family. Muller.
Little Freeholders. Carter.
Little Harvesters. De Metz. Little Nellie. Little Red Riding-hood. Little Swansdown. Lobster Sauce. Bateman. Long Rocks at Fontainbleau. Bonheur. Looking for a Safe Investment. Love at First Sight. L Love Athirst. Hamon. Love or Gold. Lovers on the Lake. Ramberg. Love's Labor. Love's Seal. Love Step. Lucretia and her Maidens. Luncheon, The. Br Lurcher and Rabbit. Brochart. Luther's Thesis nailed to the Church. Luther burning the Pope's Bull. Madonna of Cypriana.

Madonna of the Candlestick.

Raphael.

Madonna of the Chair. Raph-

Madonna St. Sixtus. Raphael.
Magdalen. Correggio.
Magnanimity of Scipo Africanus

Margueritte.
Marriage Offer.
Ma's Birthday.

Aitation. Cot. Dobson. Meditation. Cot. Merchant of Habits, Cairo. Mexican News. Woodville.
Midday. Marak.
Midnight Challenge. Milkmaid Mill and the Still. Minnette. Minnette.
Mitherless Bain. Faed.
Momentous Question. Setchel.
Monarch of the Glen. Landseer.
Monkeys' Duel. Landseer.
Moorish Lady at Bath. Gerome
Morning. Marak.
Morning Call.
Morning in the Highlands. Morning in the Highland Bonheur.
Morning Kiss. Frere.
Mother's Blessing. Brooks.
Mother's Dream. Brooks.
Mother's Joy. Amberg.
Mother's Nurse.
Mother's Shadow. Sant. Mountebank. Knaus. Mud Pies. O'Neill. My Dog and I. Symons. My Horse. My Neighbor. Edwards.
Nature's Mirror.
Naughty Boy forced back to
School. Girardet. Nearing Home. Near the Falls. Brochart. New Whip. Barber. New York Harbor, Davidson. Night. Night. Douzette. Night Session at the U. S. Capitol Night Watch. Riviere No fear of Hounds. Barber Nothing Venture, Nothi No fear Nothing Ventus Nothing Bateman Nothing Have. Bateman.
Ocean Steamer at Sea.
Ocean Steamer leaving Dock.
Ocean Steamer, Moonlight.
Ocean Steamer on a lee Shore.
Ocean Steamer on a lee Shore. Off Portland, England. Oh! Fitzgerald.
Oh! Astonished Rustics. Madon Only a Penny. Open Bible. Open Bible.
Othello relating his Story.
Paradise of Mahomet. Schopin.
Parting of Hector and Andromache. Maignan.
Past and Future.
Vaccation Past and Present. Meyerheim. Peek-a-Boo. Perilous Passage. Persuasion. Cras Coomans. Craig. Pet of the Common. Pet White Fawn. Horsley. Pharaoh's Horses Herring. Picture Gallery, Rome. Piper and Nutcrackers. Land- $\bar{s}eer.$ Playing Dice.
Playing Doctors. Hardy.
Playing Grandma.

Poultry Yard. Chialira. Prairie Travelers on Plains Attacked by Indians. Lander.
Precept and Example.
Pretty Kettle of Fish. Bateman.
Pride and Humility. Cole. Pride of Kildare. Princes in the Tower. Princess Elizabeth. Princess Louise of Bavaria. Priscilla. Prize for Laziness. Meyerheim. Promenade of the Harem. Gerome Promised Land. Schopin.
Promising Litter, A. Barber.
Proposal, The. Protection. Landseer. Protection. Landseer.
Puss in Boots.
Rabbit Seller,
Reading a Will. Wilkie.
Reading Election Returns.
Remembered. Noble.
Remember the Sabbath Day. Rent Day. Wilkie.
Retriever and Pheasant.
Return of the Swallows.
Return to the Convent. Zamacois. Reunion at House of Aspasia. Roman Courtship. Roman Feast. Roman Prisoners Passing under the Yoke. oman Vintage Roman Festival. Tadema. Tanema.
Romeo and Juliet.
Rose of Destiny. Pott.
Ruined Abbey by Moonlight.
Ruins of Persopolis. Riviere. Sabbath Day. Sailor's Return. St. Bernard Dogs. Landseer. Sanctuary. Landseer. Sappho.
Saved. Landseer.
Scene at a Fire.
Scene at a Tournament. Schoolmaster in Love. School Revisited. Leslie. Science trimming the Lamp of Life. Sculpture Tadema. Gallery, Rome. Sea Gull Rock. Courant. Sea Sprite. Sea Sprite. Webster. Serenade, Flora. Serenade, Papa. Setter and Grouse. Shakespeare and his Friends. Sheepfold. Chialira. Shakespeare and his Friends. Sheepfold. Chiadira. Sheep in Pasture. Bonheur. Shepherd's Bible. Landseer. Shetland Ponies. Bonheur. Ship striking a Rock. Brooks. Shipwreck Crew saved on a Raft Shores of Old England. Hicks. Siesta, The. Winterhalter. Sisters, The. Sisters at the Holy Well. Slave Market. Cairo. Slave Market, Cairo. Slave Market, Constantinople. Sleigh Ride.
Slide, The.
Snowballing.
Socrates instructing Alcibiades. The above Views in style of Crayon Photographs, 50 cents each, \$45.00 per 100.

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Song of the Nightingale. Calix. Spaniel and Wild Duck. Spaniel Ladies at Bath. Spare the Weeds. O'Neill. Speaking Well, The. Vely. Stag at Bay. De Penne. Steady Johnny. Nicholl. Stream of Life. Bouvier. Street in Cairo. Storm. The Summer. Summer Afternoon.
Sunday Afternoon. Waldmiller
Sunrise in the Alps.
Sunset at Sea. Turner. Sunshine and Shadow. Stone. Sweet Margery Swing, The. Coomans.
Swing, The. Coomans.
Swins Lake—Moonlight.
Sword Dance, Cairo.
Sympathy. Riviere.
Tambourine Girl. Thoroughbred. Thread of Love. Thread of Love. Antigna.
Three Members of a Temperance Society. Herring.
Tight Cork. Koniger.
Tollet of the Favorite.
Tolling the Bell. O'Neill.
To the Rescue. Landseer.
Trapper's Last Shot. Wro.
Traveled Monkey's Ret Wranney Return. Landseer Lanaseer.
Traveling in Russia.
Trial of Patience. Hardy.
Tug of War. Morgan.
Twa Dogs. Landseer.
Twins. Landseer. Twins, Landseer.
Uncle Toby and the Widow.
Under the Leaves. Victorious Gladiator's Appeal. Gerome. Vigilance—Dog protecting Child Village Church. Village Pastor. Frith. Village Recruit. Wilkie. Village School in an Uproar. Richter Wait for Me
Waning of the Honey Moon,
Washing Day. Hardy.
Water Lilies. Bouvier. Wayside Inn. Wedding Day.
Wedding Ring. Willems.
Which do you like? Holmes.
Whitewashing the Negro Negro. Begas.
Widow's Comfort. Amberg.
Wife's Prayer. Brooks. Wildflower Winning Chariot. Wagner. Winter.
Winter Evening. Winter Morning in New England. Winter's Tale Witness my Name and Deed. Wizard's Glen Woodland Mother. Carter. Woodland Vows. Beyschlag. Wood-nymph.
Yacht, The.
Yes. Millais.
Young Companions.
Young Huntsman. Youthful Darwin expounding

his Theory

#### Dickens' Characters.

Alfred Jingle, Bill Sikes. Little Dorrit. Mr. Pickwick. Mrs. Gamp. Sydney Carton.

# Gems of American . Scenery. (Direct Photos, from Nature.)

U. S. Capitol, Washington.
White House, Exterior.

"East Room.
"Bue Room.
"Blue Room.
"Blue Room.
"Green Room.
Mansion House, Mt. Vernon.
Independence Hall, Phila.
City Hall, New York.
Brooklyn Bridge, New York.
Brooklyn Bridge, New York.
Hudson River, New York.
Washington's Head-quarters,
Newburgh, N. Y.
Libby Prison, Richmond, Va.
Niagara Falls.
St. Louis Levee.
Natural Bridge, Virginia.
Mormon Tabernacle, Salt Lake.
Garden of the Gods, Colorado.
Old Faithful, Yellowstone.

Old Faithful, Yellowstone. Yellowstone Falls.
Mammoth Hot Springs, Yellowstone.
Yosemite Falls, Yosemite Val.
Mirror Lake,
San Francisco Harbor.
San Francisco, Chinese Joss

House, State Capitol, Sacramento.

#### Portraits.

Maj. André.
Benedict Arnold.
Benedict Arnold.
Benj. Franklin.
Thos. Jefferson.
Gen. Wayne.
Gen. Gates.
Lord Cornwallis.
Lafayette.
Washington.
Washington Irving.
Stephen Girard.
Peter Cooper.
Wm. H. Vanderbilt.
Jay Gould.
Brigham Young.
Gen. Robt. Anderson.
Gen. P. T. Beauregard.
Gen. A. E. Burnside.
Gen. B. F. Butler.
Gen. Custer.
Jeff. Davis.
Col. E. E. Ellsworth.
Commodore Farragut.
Commodore Foote.
Gen. J. S. Grant.
Maj. Gen. Hancock.
Gen. Joe Hooker.
Gen. Joe Hooker.
Gen. Je E. Johnston.

Gen. Phil. Kearney.
Gen. Robt. E. Lee.
Abraham Lincoln.
Gen. G. B. McClellan.
Gen. McDowell.
Admiral David Porter,
Gen. Rosecrans.
Gen. Scott.
Gen. Phil. Sheridan.
Gen. W. T. Sherman.
Gen. Franz Sigel.
Gen. G. H. Thomas.
President Cleveland.

Emp. Charlemagne.
Peter the Great.
Queen Victoria.
Prince of Wales.
Emp. William of Germany.
Bismarck.
King of Belgium.
King of Sweden.
Emp. of Austria.
King of Denmark.
Czar of Russia.
Queen of Greece.
King of Portugal.
Pope Leo XIII.
Hon. Wm. E. Gladstone.
Loud Salisbury.
John Bright.
Jos. Chamberlain.
Jos. Chamberlain.

Darwin, Huxley. Tyndall. Rev. C. H. Spurgeon. Tennyson. Sir Walter Scott. Shakespeare. Robt. Burns. Chas. Dickens.

Michael Angelo.

Rosa Bonheur. John Singleton Copley. Dante. Doré Albert Durer. Gerome. Hogarth. Holbein. Millais. Murillo. Poussin. Raphael Rembrandt. Sir Joshua Reynolds. Rubens. Gilbert Stuart. Thorwaldsen, Titian. Vandyke.

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#### Masonic.



First Degree.

1. Holy Bible, Square, Compass and Warrant.

pass and Warrant.

2. Ancient Lodge in Valley.

3. Form of Lodge.

4. Jacob's Ladder.

5. Furniture of Lodge.

6. Ornaments of Lodge.

6. Ornaments of Lodge.
7. Lights of Lodge.
8. Jewels of Lodge.
9. Tabernacle in Wilderness.
10. St. John the Baptist, and
St. John the Evangelist.

11. Masonic Tenets.
12. Points of Entrance,

Second Degree. 13. Three Orders of Archi-

tecture. Third Degree.

14. Marble Monument. Three Grand 15. Ancient Masters.

16. Three Steps.
17. Pot of Incense.
18. Bee Hive.
19. Book of Co

Constitutions Guarded by

Sword.

20. Sword Pointing to Naked
Heart, and All-Seeing Eye.

21. Anchor and Ark.22. Forty-seventh Problem.23. Hour Glass and Scythe. 24. Emblems of Mortality.

Royal Arch Chapter. 25. The Burning Bush.

Commandery.

26. Angel at Sepulchre.
27. Three Marys at Tomb.
28. Ascension of Christ (with
lever ascension movement to the figure, \$3.50).

Prelate.

29. Valley of Dry Bones. 30. The Crucifixion.

Body of Christ in Tomb.
Resurrection of Christ.
The Cross.
The Pilgrim.
The Knight.
The Penitent.

34. 25

Christ on the Cross 37. 38. Death on the Pale Horse.

Human Skull. 40. John at Patmos

Faith at the Cross.
Cross and Crown of Glory
with motto, "Crown of Life.

#### Odd-Fellows.



Initiatory Degree.

1. All-seeing Eye. 2. Three Links.

Skull and Cross Bones. The Scythe.

First Degree.

5. Bow and Arrow.6. The Quiver.7. Bundle of Sticks.

Second Degree.

8. The Axe.
9. Heart and Hand.

The Globe. The Ark. 12. The Serpent.

Third Degree.

13. Scales and Sword.14. The Bible.15. The Hour Glass.

16. The Coffin. Encampment Emblems.

17. The Three Pillars. 18. The Tent. 19. The Pilgrim's Scrip, San-

dals and Staff.
The Altar of Sacrifice.
The Tables of Stone, Crescent and Cross.

22. Altar of Incense.

Degree of Rebecca.

23. Moon and Seven Stars.

24. Bee Hive. with Outspread 25. Dove Wings.

26. Rebecca at the Well. 27. Ruth and Naomi.

28. Miriam.

## Sons of America.

Landing of the Pilgrims.
 Battle of Bunker Hill.

3. Washington Crossing the Delaware.

Battle of Stony Point Battle of Stony Point.
Surrender of Cornwallis.
Battle of New Orleans.
Scott entering Mexico.
Bombardment Sumter.

9. Battle Pittsburg Landing. 10. Battle of Antietam. Surrender of Gen. Lee. Washington Praying

Valley Forge.

13. Rally at Washington, 1861.

14. School House.

15. Son of America in Regalia.

### Grand Army of the Republic.

Artillery Duel.
 Naval Battle.

3. Soldier on Guard in Snow Storm. A. R.

Member and 4. G. Citizen clasping hands. one Sentinel on a Rock.

6. Muster in of a Recruit into G. A. R.

Soldier 7. One-armed One-legged Sailor. on Decoration 8. Cemetery

Day. 9. Widow and Orphan solicit-

ing Charity. 10. Hospital.

11. Battlefield after the Battle

12. Height of the Battle.
13. Eagle on Shield (Loyalty).
14. Bombardment of Fort Sum-

15. Battle Scene.

15. Battle Scene.
16. Rallying round the Flag.
17. American Flag.
18. Surrender of Lee.
19. Shooting a Traitor.
20. Grand Army Badge.

### American Mechanics.



1. Washington. 2. Punishment.

The Forge

4. The Settlement,
5. The Increase.
6. Family Happiness. Temptation.

Perdition. 9. Age and Infancy.

## Temple of Honor.

1. Five-pointed Star.

2. Six-pointed Star.
3. Triangle and Six-pointed Star

Temple of Honor. Rainbow.

6. Open Grave.
7. Closed Grave.
8. Flash of Lightning.

The above Views in style of Crayon Photographs, 50 cents each, \$45.00 per 100.

### SETS OF DISSOLVING VIEWS.

Firely colored, each on glass plate three inches diameter, mounted in slider

4x7 inches.

Note.—The following Views have been selected and executed with great care, so as to produce the best dissolving effects; they can be used separately in a single Magic Lantern, but the beautiful Dissolving effect can only be produced by a Pair of Dissolving View Lanterns or Stereopticons. See remarks on pages 7, 8, 20, 29, 32.

In Sets of two Slides, \$3.00 per Set.

Abduction and Vengeance.-1. A Knight, clad in armor, elopes with the lady of the castle. 2. Deadly combat with his rival.

Abou ben Adhem's Vision (with Poem). -1. "The angel wrote the name of those who love the Lord." 2. "And lo, Ben Adhem's name led all the rest."

Advent of a Soul.-1. A beautiful moonlight scene. 2. A group of cherubs and angels bringing to earth the spirit of a newborn child.

American Soldier's Dream.—1. A Soldier asleep by the camp-fire. 2. Vision of his home and family.

Angel of Peace.—1. A city by nightthe crescent moon shining down upon it. 2. An angel appears in the sky, bearing a child to the laud of everlasting peace.

Aspiring to Heaven. -1. A female figure lightly clad floats heavenward. 2. Her downward gaze proves that earth is not forgotten.

Attack of the Monsters (comic). -1. The morning walk stopped by the wicked flea. 2. The sleep of the weary made miserable by the boarding-house bed-bug.

Bachelor's Reverie.—1. An old bachelor taking his after-dinner nap in his lonely chamber. 2. Vision of his youthful lovedone

Bath in the Fields.—1. Roguish boy washing his face in a brook. 2. Mischievous

washing his face in a brook. 2. Mischievous girl disping a cat in the pond.
Believer's Vision.—1. A fair young girl asleep, with the open Bible by her side. 2. A vision of angels appear to her.
Beethoven's Dream.—1. The great mu-

sician has been soothed to slumber by his own harmony. 2. The genius of Music hovers

over him.

Birth of Venus.—1. Morning on the surging sea. 2. The foaming waves break and the figure of Venus appears, surrounded by cherubs.

Blackberries and Black Brudders (very comic).—1. A bunch of ripe blackberries, 2. Each berry replaced by a smiling ebony countenance.

Burning of Sardanapalus—Destruction Burning of Sardanapalus—Destruction of Pompeii.—I. The Assyrian Monarch who ruled in Nineveh about 800 B. C., rather than fall into the hands of his enemies, immolates himself and household on a funeral pile. 2. The inhabitants of Pompeii fleeing from the overwhelming torrent of fire and lava cast upon the city by Vesuvius, A.D. 78.

Cain and Abel Sacrificing.—1. The offering on Abel's altar accepted. 2. The offering on Cain's altar rejected.

Castle of Chillon, Lake Geneva.-1. A beautiful Summer view of this historic building. 2. Changes to a Winter view, the Lake

frozen over, etc (Snow effect slider, \$1.50 extra, producing an excellent representation of Falling Snow, can be excellent representation of Falling Snow, can be advantageously used in combination with this Set. or with any other of the Dissolving Sets in which there may be a Winter scene.) Castle of Drachenfels, on the Rhine.-

"The castled crag of Drachenfels" in dure clad 2. Winter view of the ruined verdure clad tower-road-ide inn illuminated.

Castle of Ehrenfels, on the Rhine. -1. A smiling Summer View. 2 Winter asserts its sway

Chariot Race in the Roman Colosseum. -1. Departure of the chariots. 2. Triumph of the successful charioteer.

Chinese Question Settled (comic) .-Ah Wing at his laundry door, blandly smiling on his rival Bridget. 2. Bridget puts another

expression on his face. Christmas Eve in Camp and at Home.-

1. The soldier by the camp-fire, thinking of home 2. His w fe, by the bedside of their child, praying for his safe return.

For \$2.00 extha a Mechanical Slide can be added, showing flames and smoke ascending

from the camp fire Christus Consolator, Christus Remune-

rator; from the celebrated pictures by Ary Scheffer.—I. Christ comforting those that mourn. 2. Christ rewarding the faithful. Colosseum's Martyrs.—I. The Roman Colosseum, with a thrilling scene of the Christian Martyrs thrown to the wild beasts. 2. A night view, showing a group of angels hovering over the prostrate forms of the dead martyrs

Conway Castle, England—Built 1284.-1. Summer view of the old castle and the new suspension bridge, 2. Changes to view of the same on a frosty Winter night, a full moon

same on a rosty winter night, a full moon illuminating the scene.

Death-Bed Scenes.—1. The death bed of one who loved himself. 2. The death-bed

of one who loved his fellow men. Dream of Immortality.—1. Upon a couch is re lining one whose earthly pilgrimage is fast drawing to a close. 2. Vision of an zels, extending a welcome to the land of eternal rest.

Ecce Homo, Mater Dolorosa, a beautiful pair of companion pictures. 1. The celebrated "Christ crowne I with Thorns," by Guido. 2. The equally renowned "Madonna," by the

same artist

Emancipation Proclamation.-1. Before the Proclamation is represented by a slave with a sad, mournful countenance. 2. After the Proclamation shows the same face with a broad grin, displaying a fine set of ivories;

very amusing.

English Homestead and Farmyard. 1. One of the Happy Homes of Merry England.
2. The Farmyard with its usual accompani-

English Landscape.—1. A quiet rural scene, Village Church in the distance. rain-storm. 2. Storm clears away, and a rainbow

appears.

Evening Prayer and Morning Greeting.

Evening Prayer and Morning Greeting.

1. A little child reciting the bedtime prayer.

2. The mother's happy morning kiss.

Fairy 'Tale and Holy Psalm.—1. A beautiful 'hild, absorbed in a Fairy Tale.

Two children of older growth reading the Psalms of the Sweet Singer of Israel.

Faust and Marguerite.—1. Faust in his laboratory tempted by Mephistopheles. 2. Vision of Marguerite appears.

Fire in New York.—1. Distant view of a burning building, Steam Fire Engine drawn by horses at full gallop. 2. Near view of the conflagration, engines playing on the fire.

First Christmas Morning.—1. Shepherds on the plain of Bethlehem. 2. Vision of the heavenly host.

heavenly host.

heavenly nost.

Flight into Egypt.—1. A Boat on the Nile, with Mary. Joseph, and the child Jesus. 2. Angels appear guiding the boat.

Flight of Aurora.—1. Clouds with the rosy tints of early moin. 2. Aurora with her attendant train, scattering flowers before the Chariot of the Sun—a beautiful copy of Guido's great masterniaes.

Chariot of the Sun—a beautiful copy of Guido's great masterpiece.

Fondly Gazing—Empty Cradle.—1, A young mother, admiring her infant calmly sleeping in the cradle,

Fondly gazing on that young face
With anxious thoughts of future years;
The mother watched each budding grace,
And m sed on all her hapes and fears!

2. Death has removed the darling, and the mother mourns by the empty cradle.

Gone is from a world of pain and woe!

Gone is from a world of pain and woe is from death—from sin's alloy,
Gone! Gone is from grief to endless joy!

The set of "Angel of Feace" forms an admirable sequel to this set.

Fops, Past and Present.—1. The PreBistoric Fop "according to Darwin" repre-

Historic Fop "according to Darwin" represented by a Monkey. 2. Evolution of a modern Fop "according to the 15th amendment."

Fountain f Love; Cupid Captive.—1.

A Maiden of Ancient Greece, drinking from a fountain over which an image of Cupid presides. 2. The scene changes, and she has made a capture of the little God of Love.

French Wedding Procession,—French
Baptism party. Two scenes of fashionable Baptism party. Two scenes of fashionable French Life in the last century, showing the costumes of the "old Regime."

costumes of the "old Regime."

Going against the Stream, and with the stream.—1. Lovers in a boat have quarrelled and find it difficult to progress against the stream. 2. Reconciled, their boat floats calmy on the swelling tide.

Going to the Club and returning from the Club (comic).—1. A Fine Old English Gentleman leaving home in good condition, at 5.10 P.M. & Returning at 4.15 A.M., rather avercome by the club dinner.

evercome by the club dinner.

Golden Age, and the Modern Age. -1. In the Golden Age, the Lion and the Lamb repose peacefull, side by side. 2. In the Modern Age of Monopoly, the Lamb has dis-appeared, having been devoured by the Lion.

Good Morning.—1. A window with the shutters tightly closed. 2. These open and the cheering face of the mistress of the house is seen, wishing all a "Good Morning."

Grand Canal, Venice.—1. Day View, showing Palaces, Gondolas, etc. 2. Same by

Moonlight.

Handwriting on the Wall.—1. King Belshazzar in his festal hall. 2. The fatal words, "Mene, Mene, Tek. I Upharsin," are made visible on the wall.

Haunted Abbey.—1. Midnight view of an old abbey with sculptured tomb. 2. A ghost appears above the tomb.

Highlander's Departure and Returned.

Scotch Highlander bidding farewell to his wife. 2. Returned from the war, and gladly welcomed home.

Highlander's Dream .- 1. Asleep by the

fiftul light of the Bivonac fire, he dreams of home. 2. Vision of his dream.

High Life versus Low Life. From paintings by Landseer. 1. The dainty greyhound in an abode of luxury. 2. The sturdy bull dog in the market-place.

bull dog in the market-place.

Hovering 'Angels.—1 Childhood's peaceful slumber. 2. Croup of cherubs appear hovering over the 'anocent sleeper.

"How happy coulr." I be with either," etc. (Figures in old English costume) 1. Woodland scene—the gallant seated between two ladies. 2. One lady going out of his sight he makes love to the other.

Isola Belle—Italy.—1. A beautiful view of this earthly paradise by day. 2. Changes to the same view by moonlight.

Israelites Crossing the Red Sea.—1. The children of Israel passing safely through the

children of Israel passing safely through the sea. 2. Pharaoh and his host drowned.

Jerusalem; in her Grandeur and in her Frail.—From the celebrated paintings by the French artist, Selous. 1. The Holy City as seen in the time of Christ, with temple crowning Mt. Moriah. 2. As seen at the present day with the Mosque of Omar on the site of Solomon's Temple.

Jig and Melody.—1. An Irish fifer play-

ing "St. Patrick's Day in the Morning." 2. Followed by the "Angel's Whisper."

Joy and Sorrow.—I. A little German girl joyfully playing with a Punchinello puppet. 2. Accidents will happen, and her face is sorrough! is sorrowful.

Life near the North Pole. -1. Arctic scene Esquimaux huts, dog-sled, reindeer, etc.

2. Combat with polar bear.

(For \$2.00 extra a mechanical slide can be added, producing the effect of the Aurora Borealis.)

Light in the Window (Very attractive). The snow clad window of a cottag

beautiful girl appears at the window
Little Coquette and Little Gourmand.— 1. A little girl before a mirror powdering her face. 2. Then investigating a jar of preserves.

Little Foxes' Retreat.—1. A trunk of a tree having at the foot a dark hole constituting the ketreat of the Little Foxes. 2 Out

which appear the cunning heads of three young foxes.

Look not upon the Wine.—1. A beautiful woman with cup of wine in her extended hand. 2. As we gaze upon her, she becomes transformed into a ghastly skeleton, and serpent appears in the cup, illustrating the words of Solomon. *Prov.* xxiii, 31.

Magic Bouquet.—(For Very beautiful and attractive.) 1. A vase containing a bouquet of buds. 2. The buds gradually expand

until all are in full bloom.

Martyred Christian.—1. The lifeless figure of a Woman, the victim of heathen persecution, floating upon the water. 2. Her spirit borne to heaven by angels.

Melrose Abbey, Scotland.—1. A charming view of Fair Melrose by day. 2. Then by

the pale moonlight.

For \$1.50 extra a mechanical slide can be added, showing the moon slowly rising. Mercy's Dream.—1. Mercy represented by a female figure reclining beneath a tree. 2. An angel appears placing a crown of glory on

her head. Mosque of Omar, Jerusalem.—1. The Mosque by day, showing the area of the ancient Temple of Solomon. 2. Moonlight view,

the Mosque illuminated. Mother's Grave.-1. Children decorating the grave with flowers. 2. Spirit of the

mother hovers over them.

My First Sermon, and my Second Sermon.—1. A little jirl's first appearance at church, all attention. 2. The novelty has departed and she is sound asleep.

Napoleon, Powerful and Powerless.—

1. Powerful, at the head of his grand army. 2. Powerless, a prisoner on the distant Isle of St.

Noah Building the Ark and Sacrificing. —1. Nosh receives advice from at ove for the construction of the ark. 2. The ark has landed on Mt. Arrarat and Nosh offers his sacrifice.

Onconvaniance of Single Life and Con-

vaniance of Matrimony (*Comic*),—1. Hibernian bachelor clumsily attempting to mend his clothes. 2. Bridget does it so "nately and convaniantly."

Orphan's Dream.—1. The slumbering orphan. 2. The spirit of the mother looking

Outward Bound and Homeward Bound. -(Comic.)-1. The comigrant leaving the old country as steerage passenger. 2. Returning home as cabin passenger.

home as cabin passenger.

Pet of the Fancies and Pet of the Ladies.—(Comic Dog Pictures.)—1. The prize fighter (bull dog). 2. The dude (King Charles

Protecting Scout.—1. The trapper and his tamily surprised by Indians. 2. The scout appears and protects them.

Rescue from Fire (an incident in the Life of John Wesley).—1. House on fire at night.
2. A sleeping child rescued from the flames.

St. Peter's and the Castle of St. Angelo, Rome.—1. Day view of these noted buildings, with the River Tiber. 2. Night view, illumination of the Dome of St. Peter's.

For \$2.00 extra a mechanical slide can

be added, showing display of fireworks from the Castle of St. Angelo.

Salisbury Cathedral, England, erected A. D. 1220.—1. Day view of this handsome specimen of Gothic architecture. 2. Moonlight view of same.

Saul and the Witch of Endor.-1. Saul in the house of the Witch of Endor. 2. Ap-

parition of Samuel.

Schoolboy's First Cigar (very funny).—

1. At the first puff he feels like a man. 2.

After a brief interval he does not feel quite so manly.

Settlement in the Backwoods.—1. The rude beginning; a log cabin in the clearing. 2. The development; comfortable farm-house,

2. The development, comfortable rain-notice, rainraid, happy family, &c. hadc of Washington.—1. Washington's Tomb, Mt. Vernon. 2. Spirit of Washington, in Continental uniform, appears within Shade of

the tomb, then fades away.
Shipwrecked Mariner's Hope.—1. Cast upon the rocks are seen the two survivors of upon the rocks are seen the two survivors of a shipwreck; the first gl mmer of dawn reveals a ship in the distance. 2 Morning breaks and the ship now approaches them.

Simply to Thy Cross I Cling.—1. A dark and stormy sea; waves dashing against a stone cross; a wreck in the distance. 2. The wreck fades away and the figure of a woman and are clinging to the cross leave deficition.

app. ars clinging to the cross (very effective). Star of Bethlehem. - Shepherds are seen

seated upon the ground, and in the distance a bright shining light appears, from which comes forth the figure of the Son of Man. Storm in the Rocky Mountains.—1. A

midnight storm in the wilds; the moon obscured. 2. Lightning rends the rocks.

Study--Prayer.-1. A child mastering

a hard lesson. 2 Another child in the attitude of devotion. Summit of Happiness and Depth of

Despair (Comic). I. Sambo serenades Dinah cn a high key. 2. Appearance of her father, and Sambo's sudden fall to the lowest base. Temperance and Intemperance.—Forc-

ible illustrations of the benefits of temperance contrasted with the degradation caused by

Temptation and Perdition,—1. Tempta-tion, a young man's first drink. 2. Perdition, the demon of drink has destroyed him in mind, body and estate.

War and Peace; by Gustave Doré.—1.
Peace re resented by a charming view of a prosperous village. 2. War, snowing the same village in ruins; the pale moon illuminative view. war and Peace; by Sir Edwin Land-

seer.—1. Peace, a quiet pastoral scene. 2. War, the night after the battle.

Washington's Dream.-1. Overcome by the duties of his camp life. Washington is seen asleep in his tent. 2 The vision of Columbia, with Justice and Plenty on either side, appears in clouds above him.

Westminster Abbey, London.—1. The noble pile by day. 2. Then by the crystal

moonlight.

White and Red Roses.—1. A White Rose, typifying purity. 2. A Red Rose, with Cupid, emblematic of Love.

Windsor Castle, the Residence of England's Sovereign.—1. A summer view of this abode of royalty, with the flag of Old England floating from the tower. 2. Moonlight Winter view; the Castle illuminated.

Wood-Nymph.—1. A moonlight view

of as ill lake in the deep recesses of the primeval forest. 2. The Wood-Nymph floats upon a couch of lilies, typifying the purity of this ideal Goddess of Nature.

# In Sets of two Slides, one of which has Movement.

Caudle Lecture.-1. Mrs. Caudle and Mr. Caudle by midnight alone. 2 As the lecture progresses their features change. \$5 to

Donkey Race.—1. The village green.
2. Donkeys and riders running past ....\$5 00

Fountain.—1. A beautiful design of a 

Haunted Chamber, Berlin.—1. Throne-room of the Royal Palace. 2. A spectral figure with uplifted arm glides across the floor, halting in front of the throne. ....\$1.75

John Gilpin's Famous Ride.-1. The tavern at Islington; his wife at the wir dow.

2. Gilpin gallops past, his wig in the air,

Mount Hecla, Iceland.—1. A Moon-light View of the Volcano. 2. Fire and Smoke rising from the Crater.....\$5 00

Naiad Queen.—1. A Lake, the moon glistening on the water, a castle in the distance. 2. The Naiad Queen appears sailing in a pearl-shell boat, playing on a harp (music can be used very effectively with this view.

Ocean Steamer.-1. View of a Harbor. 2. Steamer putting out to Sea..... \$3.50

Race Course.-1. The Grand Stand. 2. Horses rushing along the course.... \$5 00

Rialto at Venice, built 1588.—1. Day View of the Ancient Bridge. 2. By Night, Gondolas moving in the Grand Canal.. \$4 50

Serenade.-Moonlit Lake, borders of which is seen a brilliantly illuminated castle. 2. The Serenader appears sailing in a Gondola and playing a Guitar. A lady appears on the balcony of the castle (music can be used with effect)...... \$4 00

The Ruins of Al-Skeleton Dance.—1. loway Kirk, the moonlight casting its weird light on the tombstones in the foreground. 2. A skeleton appears dancing..... \$5.50

Stocks Down.-1. Men in the Stocks. 2. A Succession of different faces ..... \$5 00

Train of Cars.—1. A Railroad Bridge by 

# In Sets of two Slides, each Slide having Movement.

Bear Hunt.—1. A Bear moves slowly across the scene. 2. Is fired at by a hunter and falls. ....

Lion Hunt.—In same style as the Bear

Stag Hunt,-In same style as the Bear ..... \$3 75

Lakes of Killarney.—1. View of the Lakes, rippling of the water. 2. The Rising

Magician's Cave.-1. Interior of a gloomy cave, ma\_ician standing by a smoking caldron, waving a magic wand. 2. As he waves the wand, witches, hobgoblins, etc., arise from the caldron and vanish in the air. . . . \$6 00

# In Sets of three Slides, \$4.50 per Set.

Bay of Naples and Vesuvius.—1. By Day. 2. By Moonlight. 3. Eruptions of Vesuvius. Law For \$2.00 extra a Mechanical Movement Stide can be added to the above Set. which will give the effect of showing fire and smoke arising from the crater.

Courtship of Second Wife.—1. The Widower popping the question. 2. Ghost of the first wife appears. 3. And creates the

utmost consternation.

Fort Sumter. 1. Day View of the Fort before the War. 2. Moonlight View of the Bombardment. 3. The Fort on fire. \*For \$2.00 extra a Mechanical Movement Stide can be added to the above Set, which will give the effect of showing fire and smoke arisina from the burning fort.

Ghost Adventure.—1. A Moonlight Reverie. 2. A Ghostly Problem. 3.7 The Problem Solved.

Joan of Arc.—1. She makes a vow to devote her life to God and her country. 2. Scatters the enemies of France from before the gates of Orleans. 3. After rendering the most signal service to her Prince and People is suffered to die a Martyr in their cause.

Life's Day.—1. Morning. 2. Noon 3. Night.

Love and Marriage.—1. The Lovers' First Meeting. 2. Five Minutes after, Declaration of Love. 3. Five Years afterward, the Happy Home.

Niagara Falls.—1. Day View in Sum-mer. 2. Winter View. 3. The Falls by Moonlight.

Steamboat Race on the Mississippi.—1. Wooding up. 2. The Start, the rival Steamer. 8. Too much Steam, Explosion.

# The following are in Sets of three Slides, Special Subjects, Photographed from Nature, \$5.50 per Set.

Castle of Chillon.—1. Exterior by Day. 2. Exterior by Night. 8, Interior, Dungeon of Bonnivard.

Milan Cathedral.—1. By Day. 2. By Moonlight, 3. Illumination of the Cathedral.

Paris, Panorama.—1. By Day. 2. By Night. 3. Illumination of Buildings.

Rome, the Castle of St. Angelo.—1. By Day. 2. By Night. 3. Illumination.

Westminster Abbey, London.—1. By Day. 2. By Night. 3. Illumination.

# In sets of three Slides, one of which has Movement.

Antiquary's Dream.—1. An Antiquary falls asleep by day within the walls of a ruined abbey. 2. He dreams of olden time, and sees the abbey restored to its original beauty, with a procession of monks passing along the aisle.

3. He wakes, after a long slumber, to find him-

Venice, Panorama.—1. The City by Day. 2. By Moonlight. 3. Illumination of the Palace, Moonlight ripples on the water...\$6 00

# In Sets of four Slides, \$6.00 per Set.

Cinderella.—1. Her Sisters Preparing for the Ball. 2. Fairy appears to Cinderella in the kitchen. 3. Cinderella enters the ballroom. 4. The glass slipper fits her foot, envy of her sisters.

Four Elements, Earth, Air, Fire, Water.

—Four views showing the deities which, according to the Grecian Mythology, governed each element.

Four Seasons, Spring, Summer, Autumn, Winter,—Represented by four views of children engaged in sports or pleasures appropriate to each season.

How Jones Became a Mason,—1. Jones starting for the Lodge. 2. The Oath of Secrecy. 3. Riding the Goat, 4. Jones has become a Mason,

Magic Pictures in Artist's Studio.—1. The interior of an artist's studio. An easel holding a picture frame, in which appears successively portraits of: 2. Washington. 3. Lincoln. 4. Grant.

No Cross, no Crown.—1. A female figure reclining. 2. The vision of the cross appears in the distance. 3. The figure of Christ, nailed to the cross, is made visible 4. Lastly, an angel hovers over her, in whose extended hand is the crown, the reward of her faith. Very impressive.

Perty impressive.

Rock of Ages.—1. The Rock, washed by the angry waves of the sea. 2. On the top of which grows a cross. 3. A female figure is seen clinging to the cross (emblamatical of her faith). 4. Borne to the throne on high. One of the best closing pieces.

Spiritual Manifestations (Comic).—1.

Spiritual Manifestations (Comic).—1.
Paterfamilias makes the Parlor table dance.
2. The chairs follow him around the room. 3.
And into the street, where a policeman arrests him. 4. And locks him up as a disturber of the public peace.

the public peace.

Way of Salvation.—1. The repentant sinner searching the Scr.ptures. 2. Knocking at the gate, convinced of error. 3. Led by Jesus through the eark villey. 4. Welcomed to the shores of the Beautiful River.

# In Sets of four Slides, one of which has Movement.

Eddystone Lighthouse.—1. By Day. 2. Moonlight on the Water. 3. A Raging Storm. 4. Flashes of lightning.......\$6.\omega\$ House on Fire.—1. A city street by day. 

# In Sets of fiv. Slides.

Sculptor's Dream.—1. A marble pedestal surrounded by brilliant drapery is first seen. Beautiful pieces of statuary successively occupy the pedestal. 2. Mercury. 3. Apolio. 4. Flora. 5. Terpsichore. \$6.00

Summer Storm (one slide movable).—1.
A landscape at Noonday. 2. The Sky ob-

scured by clouds. 3. Rainstorm. 4. Appearance of Rainbow. 5. The Moon Rising..\$7.50
Swiss Water Mill (four of the slides movable; very effective).—1. In Summer; wheel revolving. 2. A swan is seen swimming in the water. 3. Moonlight view; the mill illuminated. 4. Winter has stopped the mill. 5 A snowstorm; snow falling on the

Many of the above Sets, especially those with Mechanical Effects, are from original designs, and can only be obtained from us.

These Chromatropes are all of suverior quality, with durable and reliable Brass Rack Work Movement.



# CHROMATROPES,

These Chromatropes are all of superior quality, with durable and reliable Brass Rack Work Movement.

These Slides are singularly curious, the effect being very similar to that of the Kaleidoscope. The pictures are produced by brilliant designs being painted upon two circular glasses, and the glasses being made to rotate in opposite directions. An endless variety of changes in the pattern are caused by turning the wheel—sometimes slowly—then quickly—backward and forward.

"The Landscape" Chromatrope, introducing, in the midst of an appropriate combination of colors, a charming little painting of natural scenery 3 75 "The National Flag" Chromatrope from

"The National Flag" Chromatrope, from designs expressly made to introduce the colors of our glorious National Flag. Five

different patterns of this Chromatrope.... 3 00 "The Geometrical"

"The Washington" Chromatrope—a new and beautiful design, with a photographic likeness of Washington in the centre (copied from Stuart's celebrated painting in the Boston Athe-

neum), and the National Colors revolving around it in glorious

colors...
"The Good Night" Chromatrope. The words "Good Night" in a handsome design displayed in the centre of a Revolving Chromatrope; very appropriate as a closing piece of an exhibition.

8 75

# MCALLISTER'S INTERCHANGEABLE CHROMATROPE.

A new style of Chromatrope, with 12 highly colored Revolving Chro natrope Discs, and a Rackwork Frame in which any two of the Discs can be placed; thus affording an endless variety of Chromatic effects at a very low price.

The Interchangeable Chromatrope, with 12 highly colored Discs, \$12.00.

# MECHANICAL SLIDES

THEOLIMINIONE SELDES.		
Aguarium\$3.50 Ascension of Christ 3.50	Moon Tim	The Names
Assassination of Lin- coln 3.50	Nontag 11 200	l boats in motion and
Bee Hive 3.50 Bombardment of Fort	Rainbow Effect 1.75	The Solar System, show-
Sumter—the Ironsides throwing shell 3 00		ing the revolution of all the planets, with their satellites, round
Curtain Slide 3.00 Dancing Sailor 4.00 Dancing Skeleton 4.00	its Axis 4 00 Skipping Sprite—a har-	the sun 6 50
Fountain—a very beau- tiful and realistic imi-	lequin figure dancing and jumping the rope 6 25	View of Old Ruins, which, by being re- volved, changes to
tation of the motion of water 3.25	Snow Slider; can be used in a dissolving-	portrait of an old wo- man 3.00
Fountain, arranged for dissolving. 2 slides 5.75	view apparatus, or stereopticon, in com- bination with any	View of Rocks and Shrubbery, which,
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- Chinese Pyramid.
   Acrobat Jumping Board.
   Lady with Expanding Dress
- and Bonnet.
- 4 Dentist Drawing Teeth.

- 4 Dennist Brawing Teeth.
  6 Expanding Crinoline.
  7 Boy Smoking.
  8 Dog Jumping through Hoop.
  9 Barber Shaving.
  10 Scotchman Dancing.
- 11 Bull Tossing Dog.
  12 Juggler with Head Off.
  13 Woman Beating Boy.

- 14 Patent Bedstead.
- Tub Orator

- 16 Tub Graci.
  17 Family Jars.
  18 Punch with Growing Nose.
  19 Mischievous Monkey.
  20 Combat (Scotch).
  21 Pink (Expanding).
  22 Boy and Gunpowder Barrel.

- 23 Cook and Calf's Head. 24 Boy and Schoolmaster.
- Parson Driving Pig. 25
- 26 Farson Driving Pig. 26 Boy Stealing Jam. 27 Turk's Head (Moving Eyes). 28 Scrapings in a Tub. 29 Dog in Kennel.

- Hoop Petticoat. Windy Day. 30 81
- Shoeblack

- 32 Shoeblack. 33 Dutch Dentist. 35 Black Draught. 36 Clown and Globe. 37 Punch and Bowl.
- 38 Parson Carving Pig. 39 Tailor Working.
- Jim Crow Dancing. Scotchman Taking Snuff.
- British Tar.
  Pair of Spectacles.
  Naval Engagement.
  A Vegetarian. 45
- 48

- 48 A Vegetarian.
  49 A Somnambulist.
  50 Topsy (Moving Eyes).
  51 Cat Playing with a Mouse.
  52 Opening Rose and Cupid.
  53 Performance on Two Chairs.
  54 Woman Smoking.
  65 Clown Falling in Pieces.

- Gobbler at Work.

- 57 Girl Skipping.
- Tailor and Goose Vesuvius in Eruption.
- 61 Harlequin Falling in Pieces.
- A Pigeon Pie. Clown and Beer Cask.
- 65 Sailor Dancing.
  - 66 A Woodman.
    Man with Growing Nose
  - 68 Harlequin in Bottle

  - 70 Hush! (Child's Face). 71 Serenader.
  - Blacksmith at Work.
- 73 Resurrectionist.
  74 Sambo Lecturing.
  75 Cat, and Fish in Globe.
  76 Treading in Father's Shoes.
- Lamp Black.
- Fool and 78 Geoseberry
- Clown.
- 79 Opening Rose.
- 80 Joey Grim. 81 Mexican Ratcatcher—Man Sleeping with his mouth
- open, and rats running down his throat.
- 82 Bottled Porter.
- 83 Jugged Hare. 84 Adieu, in Wreath of Flowers.
- 848 Good-night, in Wreath of Flowers
- 85 Boy Catching Butterfly. 86 Butterfly, Grub and Chry-
- salis.
- 88 Pair of Snuffers.
  89 Tax Collector.
  91 Bleeding Nun.
  92 Punch—Good-night.

- 93 Boy Riding Pig-is thrown
- 95 Irishman Driving Pig. 97 Tightrope Dancer. 98 Acrobat Balancing Ball. 99 Woman with Cat's Head.
- 100 Lion and Horse.
- 101 Lion-Moving Eyes and Jaw.
- 102 Peacock. 104 Good-night—Herald. 105 Good-night—Pickwick.

- 106 Ghost-Donkey in Church-
- Woman Beating Man.

- 108 Rappee. 109 Boy Robbing Till. 110 Sailor Dancing on Horse. 112 Policeman and Cook.
- 113 Bluebeard. 116 A Life-like Portrait (Don-
- key's Head). 117 Lover at Tower.

- 111 Over at Tower.
  119 Christmas Fare.
  123 A Pear (Pair).
  124 Fisherman Tossed by Bull.
  125 Clown (Moving Eyes).
  126 Boy Jumping Posts.
- - Clown Tumbling
  - 129 Monkey Dipping Cat. 131 Tailor and Cabbage.
  - 132 Countryman and Dog Changing Heads. 133 A Turnstile and Crinoline. 136 Magic Rose Plant. Dog
- 141 Taking Off Boots. 143 Pine and Face.
- 144 Irishman Dancing.
- 145 Dead Soldier and Horse.
- 146 Rowing. with Growing
- 1.7 Woman Nose.
- 150 Magician and Ghost. 151 Clown Headless.
- 152 Miser and Burglar.

- 154 Boy Bird's-nesting. 156 Jack in the Box. 157 Conjuror Tossing Balls. 159 Clown on Kicking Donkey.
- 160 Greenwich Pensioner.
- 161 Combat with Smuggler. 165 Sailor's Pigtail. 166 Farmer Carrying Pig.
- Picnic and Serpent. 167
- 168 Beggar. 169 Lovers in Boat.
- 170 Passion Flower. 171 Cauliflower and Woman's
- Head.
- 172 London Porter.
- 173 Clown and Policeman.
- 174 Patent Trousers.

175 Light of other days (a watch-

man). 176 Turk's Cap Flower. 180 Cook, Pudding and Wo-man's Heao. 182 Tiger's Head (Moving 183 Cottage with Bridge and

Boats. 184 Woman with Growing Nose and Chin.

185 Discovering the (Omnibus) Pole.

186 Birth of Cupid. 187 Pegtop Trousers. 288 Artist and Brigand. 189 Drinking Fountain, Time.

195 Clown and FlyingBottle.

196 Pepper. 197 A Chameleon. 199 Sailor Smoking. 200 Ginger Pop.

200 Ginger Pop. 201 A Guy. 205 Clown and Cannon. 206 Cook and Chimney Sweep. 207 Clown and Sausages. 208 Parrot Pulling off Man's wig 210 Jew Pedler. 211 Lamplighter. 214 Choice Spirits.

215 Lecture on Tobacco. 216 Chimney-pot and Sweep.

221 Man Dancing with Flags. 222 The Young Companions. 223 Diver and Shark. 224 Two heads are better than

one. 225 Storm and Calm.

227 Nightmare. 228 Tulips.

229 Tulips.
229 Female Tight-rope Dancer.
230 Harlequin in Box.
231 Spoon Bonnet.
233 Hold out your hand.
234 Hamper and Goose.
237 Chinese Punishment.

Pig and Farmer's Nose. 239 Merry Andrew. 240 The Young Artist. 241 Tumbler on Ladders.

242 Man on Stilts. 214 Postboy caught on Tree.

245 Man Shaving, and Cat. 248 Organ-man and Monkey. 251 Punch and Policeman. 252 Sawyers.

253 Fisherman and Cat. 254 Man Putting out Tongue. 255 Female Circus Rider. 257 Repealer and Policeman. 258 Tiger and Crocodile. 259 Man and Lions.

260 Blue Devils. 262 Boy and Sugar Cask. 265 Bluebeard and Fatima. 266 A Ballet Girl.

268 Skating. 270 Double-Breasted. 273 The Botanist.

275 French Puppy. 277 Guy Fawkes. 278 Coastguard. 279 Bathing Machine.

274 Catsmeat-man.

280 Britannia. 280 Ditabilita. 281 Looking-glass and Nose. 282 Woman Shaving Man. 283 Boy with Magic Lantern. 284 Boy Spinning Top. 285 Coal Black Rose.

286 Clown Hanging. 287 Cats on Tiles.

288 Frog Pie.

288 Frog Fie. 289 Rose and Fairy. 290 Lodging House Bedstead. 291 Lion Jumping throug through Hoon

292 Lighthouse in Storm. 293 A Witch. 294 Serpent Charmer.

295 British Port. 296 Balloon Ascent.

297 Domestic Shower Bath.

298 Capers. 299 Clown Jumping Horse. 300 Trespasser and Bull. 301 Napoleon's Grave

302 Performing Elephant. 303 Smuggler's Cave. 304 Cricketer Stumpte lout.

305 Big Drummer. 306 Old Tom. 307 Cutting Corns.

308 Pegtop and Pegtops. 309 Chip of the Old Block. 310 Turtle Soup. 311 A Flying Beard.

312 Statue and Servant.

313 Fairy Chariot. 314 Figured Frontispiece. 315 Cook and Flying Goose. 316 French cook cooked. 317 Summer and Winter. 318 Excursionists and Diver.

Cat and candle. 320 Plum Pudding, and Chang-

320 Plum 2 ing Heads.
321 Rustic and crow.
321 Rustic and crow. (Heads Shot Off). 323 Hot Codlings.

324 Crossing Sweeper. 325 Fairy Star. 326 Photographic Portrait.

327 Performing Acrobats. 328 Spanish Dancer. 329 Brother Smut. 330 Professor of Magic.

331 Costermonger and Donkey. 332 Peace Makers.

333 Shoeing Horses. 333 Shoeing Horses. 334 St. George and the Dragon. 355 Man and Donkey's Tails. 336 Elephant Tossing Keeper. 337 Poil and My Partner Joe. 338 Father and Child.

339 Beware of the Gorilla

340 Robbing the Eagle's Nest. 341 Lady on Kicking Donkey. 342 Rabbits O!

343 Butcher and Kicking Pig. 344 Cutting it Short. 345 Clown Grinning through Horse Collar.

346 Death on the Pale Horse. 347 Dutchman Moving Eyes and Jaw.

348 Stocks. 349 My own Blue Bell (e). 350 Punch (Welcome). 351 Ditto (Silence). 352 Acrobat Tumbling

Horse. 353 "Don't you wish you may

get it?"
354 Boy letting off Cannon.
365 Skeleton Taking off Head. 356 The Harvest Queen.

357 A Bottle Imp. 358 A Real Native. 359 Take a Light.

360 "Obadiah !"

361 Swans Swimming. 362 Joey's Sea Trip. 363 Boy's Playing at Leap-frog. 364 The Last New Fashion (Chignons). 365 Hair Brushing by Machin-

366 Sailor Fishing, and Sea

Monster 367 Moving Water and Swan. 368 Monkey and Pudding.

369 Full Speed (Gent on Horseback).

370 Flying Trapeze Performance.

371 Hearts of Oak.

371 Hearts of Oak. 372 Clown and Boxes. 373 Moving Face (Derision). 374 Man throwing Stick in wa-

ter and Dog Swimming. 375 A Stout Denial. 376 Eastern Travelling.
377 A Family Umbrella.
378 Highland Fling.
379 Oyster Bolting.
380 "Who's that Knocking at the door?"

381 Aggravation (Monkey hold-ing Mouse to Cat in Stocks).

382 Meeting a Settler. 383 Cockney Sportsman. 384 Peace (Piece) and Plenty. 385 Spider and the Fly. 386 Stock in Hand.

356 Stock in Hand.
357 Division of Labor (two
Shoeblacks).
388 A Fal! in China.
389 The Artist Alarmed.
390 Skeleton Falling to Pleoes.

391 Masquerading. 392 Good-morning. 393 Monkey Smoking. 394 Pulling Bon-bons (Explo-

sion). 395 Pure Milk from the

396 Result of Carelessness. 397 A Faithful Spouse. 398 "When shall we three med

again ?" again 7 Shore (Dog with Child in Water).
400 Taking it Cool.
401 Real Scotch.

402 Wombell's Menagerie.

403 A Pair of Ducks 404 An Unexpected Visit. 405 A Base Attempt. 406 Napoleon Crossing

Alps.
407 Pantomime Stars.
408 The Midnight Surprise.
409 Mangling Things.
410 Snow-balling.

411 Paul Pry. 412 Dog Pulling Monkey's Tail. 413 Pianoforte Playing (extra-

ordinary). 414 Dancing Lesson. 415 Ghost Stories. 416 Much above that sort of

417 Gipsy Nuisance. 418 German Musician.

419 Boy and Beehive. 420 Clown and Fishmonger. 421 A China Mug. 422 First Cattle Prize. 423 Caudle Lecture.

424 Hottentot Hotel, 425 Gone to Tea.

426 Will-o'-the-Wisp. 427 Officious Policeman. 428 Dancing Shaker 429 Chinaman and Ball. 430 Acrobat Performing with Knives.
431 Magic Bouquets.
432 Girl Tossing Ball.
433 Clown and Phantom Police-434 Clown and Plum-pudding. 435 Magic Umbrella. 436 Punch's Railway Carriage. 437 The Magic Portrait. 438 French Baker. 439 Scottish Chief. 440 Clown Nursing Baby. 441 Pantaloon and Cracker. 442 Theatrical Dancing Performance. mance.
443 Water Lilies.
444 Canary and Cannon.
445 A very High Wind.
446 Fighting Cocks.
447 Topsy Dancing. 448 Getting him up to the Standard. dard.
449 Dancing Sprite
450 Dancing Dragon.
451 Launee's Lecture.
452 Longing for a Drink.
453 Scotch Piper.
454 Silence! (Schoolmaster with Cane). 455 Hi! Hi! Bus!! 456 A Real Native. 457 A Ghost. 458 Boy and Demon's Head. 459 A Weighty Performance. 460 Magician and Demon. 461 Professional Fencer. 462 King Koffee. 463 The Birdnester Caught. 464 The Pipe of Peace. 465 The Surprised Birdcatcher. 466 A Granny-dear. 467 Gala Balloon. 468 Move on! Move on! 469 A Telescopic View. 470 Have you seen the "Shah?" 471 Looking In and Looking Out. 472 Act I. Sc 473 Dr. Bolus. Scene! Tableaux! 474 Horse Exercise. 475 Valentine and Orson. 476 Beware of the Cat. 477 Girl Skipping and Policeman. 478 Election Time.
479 Children and Bath.
480 Lake by Day and Night.
481 Raw Recruit and Polished Soldier. 482 Monkey Teasing Cat. 483 A Good Hard Scrub. 483 A Good Hard Scrub.
484 Exalted Artist.
485 Boy and Squib blown up.
486 Explosive Beer Barrel.
487 A Repulsive Reflection.
489 Cupid (Moving Eyes).
489 Serenader and Water-butt. 490 French Clown Dancing. 490 French Clown Dancing.
491 The Perplexed Huntsman.
492 Caught in the Act.
493 Just Hatched.
494 Magic Hair Restorer.
496 Wolf (Moving Eyes).
496 The Magic Cap.
497 Rat caught in Trap. 498 The Morning Bath.

499 Feeding Baby. 500 Walking Extraordinary. 501 Fiddler and Crocodile. 502 Cold versus Heat. 503 A Grand Bawl. 504 A Stout Lad wanted. 505 Sentinel in Snowstorm. 506 A Bear Adventure. 507 A Brigand. 508 Boy chasing Birds. 509 Bull Dog and Rats. 510 Feeding the Elephant. 511 Tumbler and Children. 512 Elephant's Cas' Box. 513 Hindoo Worship. 514 Grandmother's Chair 515 Profuse Angling. 516 Indian Corn. 516 Indian Corn.
517 Dancing Savoyard.
518 Swan and Dog.
519 Skating Rink Adventure520 A wind instrument.
521 A Hogs-head.
522 Tumbler and Ball.
523 White-washer. 524 Shutting-up. 525 Sand-witch 526 Train and Tunnel 527 A Rude Boy. 528 Dancing Imp. 529 Donkey Cart Mishap. 530 Giant and Imp. 531 Amateur William Tell. 532 Old and New Year. 533 Not Afraid but Humane. 534 Shell Out 535 Unkind Donkey. 536 Boy, Bull and Bull Dog. 537 Boy and Washing Tub. 538 Baked Dinner; Anxious Moments. 539 Both Sides of Umbrella. 540 Eccentric Dancer 541 Monkey and Man Shaving. 542 An Old Crab. 543 Spelling Bee. 544 A Smoking Carriage. 545 Clown's Cannonade. 546 Babes in the Wood. 547 Negro Meeting House and Parrot. Farrot. 548 Sea Serpent ahead 549 Flute Player. 550 Irish Girl Dancing. 551 Bat, by Day and Night. 552 Performing Dogs. 559 Performing Dogs.
553 A China Dish.
554 Going and Returning to
Bird's Ball.
555 Red Riding Hood and Wolf.
556 Old Mother Goose.
567 Punch's Showman.
558 Winter Sports.
559 All Hot! 559 All Hot! 560 Spring Showers and May 561 The Lively Flea. 562 Last Train for London. 563 Before and After Marriage. 564 Rival Channel Swimmers. 565 Caution to Young Smokers. 566 Spec-taters 567 Aquarium Visitors. 568 The waits. 569 The wrestlers. 570 Excited Orator. 571 Performing Bear. 572 Fiddler. 573 Before and After the Battle-574 The Four Donkeys. 575 Jack Ashore.

578 Irish Stew. 579 An Electric Shock. 580 Boy and water plug. 581 Polite Old Gent. 582 I'm so chilly. 583 Indian Servant 584 Cat and Bird Drinking. 585 Ship, sails furled and full sail. 586 Negro Minstrels. 587 There's Many a Slip, &c. 588 Feeding the Ducks. 589 The Maid was in the Garden, &c.,
590 Disputed Rights. 591 Out of Work 591 Out of work. 592 On the Look-out. 593 First of April. 594 A Heavy Load. 595 Indian and Ball. 596 Performing Monkey. 597 Blind Man's Buff. 598 A Summer Delicacy. 599 Music hath charms.
599 Music hath charms.
600 Mind Your Eye.
600 Mind Your Eye.
602 Before and After the attack.
603 Three Chairs (cheers).
604 Who said Rats?
605 Wet Paint. 606 Between two Stools. 607 Heavy Fall of Sn w. 608 Carving the Turkey. 608 Carving the Turkey. 609 Cheap Mourning. 610 A Foul Chimney. 611 In Memoriam. 612 Oh! Snakes! 613 On Duty. 614 Tumbler and Barrel. 614 Tumbler and Barrel. 615 A Christening. 616 Nigger Melody. 617 Mr. Pongo. 618 A Dancing Wonder. 619 Puss in Boots. 626 Jack and Jill. 621 Bill Sticker. 622 A Heavy Weight. 623 The Two Obadiahs. 624 A Street Arab. 625 A Good Bite. 626 Clown's Transformation. 627 Horsemanship. 627 Horsemanship.
628 Boy with Squirt.
629 See saw.
630 Dog Cart and Children.
631 A Swing.
632 Whale Fishery.
633 Local Steamer.
634 Diogenes and Tub.
635 A View on Both Sides.
636 Hitting the Bull's Eye.
637 Dispured pagescion. 637 Disputed possession. 638 Mop Combat. 639 A Couple of Dancers. 640 Gallanty Show. 641 A Pair of Seals. 642 Dog and Kettle. 643 Blowing Bubbles. 644 The Biter Bit. 645 Athletics. 646 Our Sunflower. 647 Roundabout. 648 Fitted to a T 649 Caught at Last. 650 Spirit and Water. 651 After Dark. 652 Hamlet's Solikoquy. 653 Ride a Cock Horse. 654 Kissing.

576 Best Shag. 577 A cheap warm.

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701—She never told her love. 732—Will o' the Wisp. (Fantas-(Drink behind the door.) tic dancing figure.) Backing out of going to market. (Pigs jumping out of the cart.) 703—Lunar Caustic.

cent moon enclosing an angry face.)

angry face.)

—Oh my prophetic soul—My
Uncle. (Pawnbroker.)

—A Bill Sticker. (Ostrich
sticking his bill in a boy.)

—For China Direct. (Bull
attacking a china store.)

—Spring and Fall. (Boy falls

in jumping a fence.) Two Garden Rollers. iron roller, and a pig rolling on the flowers.)

All's well that ends well. (Mermaid.)

A go-as-you-please race.
(Men pursued by a bull.)
Oh listen unto my tale of (Dog with can to tail) woe. Q Bridge. Bridge at the village of Kew.)

Your money or your life! What you say? (High-wayman, and a deaf man.)

wayman, and a deaf man.)
714—How happy could I be with
either. (Mouse between a
cat and a dog.)
715—A Piece of Fancy Work.
(The worsted prize fighter)
716—An Unnecessary Remedy. (Man with wooden legs needs no "Corn Cure.")

717—A Real Friend, and a Friend in Need. (A needy fellow picking a Quaker's

pocket.)

Clearing the Letter Box.

(A boy jumping over it.)

A Spoilt Child. (Old nurse sitting down on the

baby.)
720—Good-bye to the Old [Y]ear
(Boy hollowing good-bye
to his deaf grandfather.)
721—The Complete Angler.
(Fisherman pulled under

water. Father Time mending his Stitch in Time. garments.)

Come to Bury Cæsar.
(Burial of the old dog, Cæsar.)
Elbow Grease. (Woman

-Elbow slapping child.) -Mend your Habits, (Tailor repairing a coat.) -A Skipper. (Girl skipping

rope.)
Two Hares. (Hair pie, and hair on landlord's head.)

A Donkey Stir Race. (Boys attempt to ride a donkey.) Stolen Sweets. (Boy ap-

propriating the sugar.)
730—You must move on, (Assault and battery.)
731—Green Monster. (A dragon.)

-Mr. Chairman. (Legerde-main chair feat.)

734—Hold up your head: (Arab tosses his head in the air.) -The Fair Eq (Circus rider.) Equestrienne.

736—The fair Danseuse. 737—Old Uncle Ned. (Negro

dancing.)
738—Three Friends. (Two donkeys in the pound; when shall we meet again?)

shall we meet again?)
739—At the Top. (Boy at play.)
740—We Part. (Good night.)
741—A Hard Drive. (Driving a pig to market.)
742—The End of the Line. (Clown hanging.)
743—A Silent Moment. (School-

master orders silence.)

master orders silence.)
744—Battledore and Shuttlecock. (Girl at play.)
745—Child Chasing Butterfly.
(Catches it with a net.)
746—A Pinch of Scotch Snuff.
(Highlander taking snuff.)
747—The Stubborn Donkey.

(Man beating him.) Pet of the Family. kissing its father.)

749-Irish Scenery. (Paddy and the pig.)

-A Boyish Adventure. (Attempts to ride a pig, and

falls off. 751-Human Skeleton. (Orderly

and disorderly.) Human Rat Trap. (Moral: Don't sleep with your mouth open.) Public Characters. (Organ-

grinder and monkey.)
A Cat-astrophe. (Cat and

mouse. Extraction of Roots.

(Tooth-pulling.)

-A Balled Head. (Cricketer catches the ball in his face) The Net Result. (Lady catches a man with a net.)

A Bowl of Punch. Punch in a bowl.) (Mr.

-What's in a Name? (Old Tom Gin, and Old Tom Cat) -Oriental Music. (Arab beating a drum.)

Long Drawn Out. (Man with extension tongue.)

Punch and Judy Show. (Punch strikes policeman)

763—Old Bachelor Shaving. (His pet cat looking on.) 764—Elephantine sport. (Baby elephant dancing.) (Frogs

Pie-ous Frogs. (F jumping out of a pie.) Circus Crackers. (Cl with fire-crackers.) Circus Chairs. (Acrobat on

chairs.)
-Circus Feat. (Acrobat tossing globe with his feet.)

769—Darwinian

(Monkey administering Hydropathy to a cat.)

770—Ball Performance. (Acrobat tossing balls.)

771—Sword Combat. (Duel between sailor and pirate.)

Sailor's Hornpipe. (Jack Sailor's Horrig.)
Tar dancing.)
Village Blacksmith. The

(Making a horse-shoe.)
(Making a horse-shoe.)
(Making a horse-shoe.)
(Boy chasing a butterfly, falls in a pond.)
(775—I Can a Tale Unfold. (Pea-

cock spreads his tail. Christmas is Coming. (Butcher and goose.)

777—Circus Dog. (Jumps through ring.)
778—Cow with the Crumpled Horn. (That tossed the dog that worried the cat.) Punch and his Dog Toby. end on

(Dog sits of Punch's nose.) 780—Stern Chase. (Sailor at-tacked by an alligator.) 781—Juvenile Artillerists.

(Fourth of July morning.)
Circus Ballet. (Ladv.)

tight rope.)
Something for a Rainy
Day. (An umbrella protecting the whole family.)
Old Woman and her Pet Monkey. (Monkey pulls her cap off.) Wizard. (A goblin appears

at his command.) (Keeps

John Chinaman. the ball a-rolling.) The Horse Marine. (Jack Tar taking a ride.) The Uneasy Rider.

on a kicking mule.)

A Tale of a Monkey, (Dog pulls off a monkey's tail.)

Grand Trunk Line. (Elephant lifts his attendant with his attendant

phant into his attendant with his trunk.)

791—Photographic Arrange-ments. (Photographer ar-ranging his sitter.)

792—The Separation. (Man and

792—The Separation. (Man and donkey—donkey goes over a precipice.)
793—Heads Off! (Soldiers obey)
794—A Penny, Your Honor?
(London street-sweeper.)

795—Plum Sauce. (Look out for the cook.) 796—Pussy's Tormentor. (Mon-key has the mouse.) 797—Boy Teasing a Dog. (The dog's turn now.) 798—A Pretty Pear. (A pair of

lovers.)
-Child Standing on Two
Stools. (Falls to the ground.)

800—The End of the Tale. (Dogs hunting a rabbit, catch its tail.)



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- 2 Stag. 3 Woodman
- Moving Chin.
- Moving Chit.
  Cobbler at Work.
  Bill-sticker.
  Man's Face.
  Horse drinking.
  Sambo Lecturing.

- 10 Stone-breaker.
  11 Large Ship by Night.
  12 Small Ship and Lighthouse.
- 13 Boy on Donkey.
- 14 Swan Drinking. 15 Stag Drinking. 16 Cow Drinking.
- 17 Beggar. 18 See-saw
- 10 Boy Stealing Apples.
- 20 Gout.
- 21 Digger. 22 Monk Praying. 23 Boy Cleaning Boots.
- 24 Reaper.
- 25 Fractious Child. 26 Monkey Dipping Cat. 27 Lady Playing Pianoforte.
- 27 Lady Playing Flance of 28 Gent in Pegtops taking off
  - Hat.

- 29 Horse Eating. 30 Children in Boat.
- 30 Children in Boat.
  31 Grooming Horse.
  32 Donkey riding Extraordinary.
  33 Sam Weller Cleaning Boots,
  34 Woman Beating Boy.
  35 Lady Praying.
  36 Ship in Gale.
  37 Girl Feeding Goat.
  8 Fiddles.

- 37 Girl Fee 38 Fiddler.
- Volunteer. 39
- 40 Monkey and Fish. 41 Doctor and Patient.
- 42 Dying Camel.
- 43 Bathing.
  44 Dog of St. Bernard.
  45 Native Nursing.
  46 Pleasure Boat in Rough
- Weather.
- Steam Boat Pleasure Trip. 47 Steam Boat Pl 48 Goat Feeding.
- 49 Natives 50 Looking out for Papa.

- 55 Lioness and Cub. 56 Monkey Beating Cat.
- 53 Signals of Distress. 54 Farmer and Pig.

- 57 Boy Shooting Cat. 58 Scrubbing Boy in Bath. 59 Rocking the Baby.

- 50 Rocking the Bady.
  60 Eagle and Lamb.
  61 Monkey Roasting Cat.
  62 Rustic Serenader.
  63 Dead Soldier and Horse.
  64 Monkey and Birdcage.
  65 Enraged Cook.
  66 Cavalier Carousing.

- 67 Shoeing Horse. 68 Negro Vanity. 69 Brother Neddy.

- 70 A Mendicant.
  71 Feeding the Calf.
  72 The Wayside Nap.
  73 Negro and Crocodile.

- 73 Negro and Crocodile,
  74 Fording the River.
  75 Feeding the Donkey.
  76 Alligator on the Scent,
  77 Crossing the Desert,
  78 Bear Climbing Pole.
  79 "It Wasn't Me, Mr. Policeman!"
- 80 "Who Shot the Gardener?"
- 81 Elephant and Keeper. 82 Caught, and No Mistake,
- 83 Drawing teeth extraordinary.
- 84 A Broken-down Fisherman



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Apollo, Belvidere.
Apollo, Citharède.
Apollo, Pythian.
Apollo, Sauroctan.
Apollo Sauroctan.
Ariadne and the Tiger.
Ariadne Sleeping.
Ariadne.
Clesinger. Praxiteles. Armida. Asia (Albert Memorial). Athlete. Atlas. Augustus, Emperor. Baby Bacchante. Bacchante Drinking. Bacchante and Tiger. Bacchus. Bacchus, Infant. Bacchus and Ampelo. Bacchus and Silenus. Balbus. Bashful Child. Basher.
Bathers Surprised.
Bernadotte, King of Sweden.
Birth of Cupid.
Blind Boy and Dumb Girl.
Blind Man's Buff. Bind Man's Bur.
Boy after the Bath.
Boy and Dead Dog.
Boy and Sea Shell.
Boy and Top.
Bruce, King of Scotland.
Burd Family Monument, Phila. Cain. Caius Caligula. Camille. Cassandra and Pallas. Centaur and Nereid. Centaur ruled by Love. Charles IV., of Austria.

Chastity. Chicago Incendiary (Cow).

Child and Bee.
Child and Bird.
Child and Dove.
Child and Goose.
Child at Play.

Child at Prayer.

Christ. Christ and the Apostles. Christ and His Disciples. Christ and Mary. Christ Blessing Children. Christ in Gethsemane. Christmas Morning. Cincinnatus. Claudius Cleopatra. Clio. Clytie. Compulsory Prayer. Countess de Bellay. Courtship. Crispina Croquet Player.
Croquet Player.
Cupid.
Cupid Reclining.
Cupid with the Bow.
Cupid and Psyche. Dancer. David. Michael Angelo. David hurling the Stone. Demosthenes Diana the Huntress. Diana and the Stag. Diana at the Bath. Diana Beholding Endymion. Discobolus. Durer, Albert; Nuremberg. Edward, the Black Prince. Egeria. Emancipation.
Emily and the White Dove.
Epaminondas. Esculapius Europe (Albert Memorial). Eva St. Clair. Eve. Carrier.
Eva at the Fountain, Fairy Story. Faith. Faith at the Cross. Faith at the Cross.
Family Pets.
Farnese Bull.
Faun, Villa Borghese, Rome.
Faun, Dancing.
Faun, Drunken.
Faun and Infant Bacchus.
Faun and Nymph.
Faust and Marguerite
Fireman Rescuing Child.
First Grief. First Grief. First Impressions of Cold Water Fisher Boy. Fisherman's Daughter. Flight Into Egypt. Flora. Flower Girl. Flying Time.

Forced Prayer. Fox, English Statesman. Foxhounds. Galatea Genius of Death. Can Genius of the Vatican. Canova. Germanicus. Giotto.
Girl Embroidering.
Girl Knitting.
Girl Reading.
Girl Spinning.
Girl Spinning.
Girl Writing.
Girl Writing.
Girl With Doll.
Girl with Parasol.
Girl with Parrot.
Girl with Parrot.
Girl with Pet Rabbit.
Gladiator, Dying.
Gladiator, Fighting.
Gladiator, Wounded.
Good Morning.
Good Night.
Greek Slave. Giotto. Greek Slave. Gretchen. Grief. Guardian Angel. Guttenberg Monument, Mayence Hagar and Jshmael. Hebe and Ganymede. Henry IV. Monument, Paris. Hercules. Hercules, Farnese. Hercules and Omphale. Hercules and Silvanus. Hercules as a Woman. Holy Family. Horse Attacked by Anaconda. Impudence. In a Fix Inconsolable Widow. Îndustry. Infantile Amusement. Innocence, Innocent Sleep. Irish Peasantry Italian Peasants. Jacob Wrestling with Angel. James I., King of England. Jason. Joan of Arc. Joseph II. of Austria. Joyous Child. Juno. Kiss of Love. Kittens at Play. Koutozoff Monument, St. Petersburg. Krickhoff Monument, St. Petersburg. Lady Godiva. Laocoon Leopold I. Little Beggar Boy. Little Flower Girl.

# Choice Statuary-75 cents each.

Little Grape Gatherer. Lot's Wife. Louis XIV. Louis XVII Love Among the Roses. Love Blindfolded. Love Bound. Love Letter. Love's Messenger. Love's Mirror. Love's Net. Lucius Verus. Magdalen. Maidenhood Marguerite in Prison. Masquerader. Mausolus. Meditation. Medicager.
Memling Monument, Bruges.
Memorial Statue, Cawnpore.
Mercury, Belvidere.
Mercury, Flying.
Messalina. Michael Angelo. Milo of Crotona. Minerva. Minerva Medica. Mithras, Chaldean Sun-God. Monforio. Morning of Life.
Morning of the Resurrection.
Moses. Michael Angelo.
Moses Found by Pharaoh's Daughter.
Moses in his Youth.
Mother and Child.
Motherless Children. Murat. Muse of History. Muse of Painting. Music. Daise Napoleon I., in Youth. Napoleon I., Dying. Narcissus. Neapolitan Fisher Boy. Neapolitan Gipsey Dance. Nereid. Nero. News Boys of Paris. Night. Niobe. Nora Creina Nydia, the Blind Girl. Olympia. Omphale. Ophelia. Orpheus Descending to Hell. Orpheus with the Lyre. Pandora. Panting of the Lovers.
Paul and Virginia.
Paul I., of Russia.
Peace-Sleeping Child.
Peace-Arc de l'Etoile. Peel, Sir Robert.
Perseus. Canova.
Perseus and Andromeda. Pharaoh's Daughter. Phæbus. Phorbas the Shepherd. Pitt, English Statesman. Poetry. Polymnia, Muse of Harmony. Polymnius. Polyxena. Pope Pius IX. Pråyer. Prince of Wales.

Princess of Wales. Prisoner of Love. Prodigal Son. Psyche. Canona. Pradier. Psyche. Pugilist. Canova. Puzzled Gamekeeper. Quarrelsome Blacksmith. Queen Mary. Queen Victoria. Queen of Sheba visits Solomon. Rebecca. Red Riding Hood. Rejected Lover. Religious Liberty. Remorse Return from the Vintage. River Nile. River Tiber. Roma. Roman Emperor. Roman Minstrel.
Roman Orator.
Romans Carrying off the Sabine Women. Romeo and Juliet. Romulus and Remus. Rose of Sharon. Rubens. Ruth. Saint Agnes.
Saint Martin and the Beggar.
St. Sebastian.
Salvatoriello. Sappho. Shakspeare. Shepherd. Silvio and Aminta. Simply to Thy Cross. Slave. Michael Angelo. Slave. Michael As Sleeping Boy. Soldiers' Orphans. Somnolence. Spartacus. Storm. Sunshine. Susannah at the Bath. [burg. Suvaroff Monument, St. Peters-Tam O'Shanter. Tasso. Tasso in Youth, Temptation of St. Anthony. Theseus. Three Graces, Antique. Three Graces. Canova. Three Graces. Pilon. Canova. Three Graces. Pradier Three Graces. Thorwaldsen. Tiberius. Tired Out. Tired Out.
Toilet of Atalanta.
Toilet of Venus.
Tomb. Frederick III. and Queen.
Tomb. Marshal Saxe.
Tomb, Julian de Medicis.
Tomb, Lorenzo de Medicis.
Tomb, Campo Santo, Pisà.
Tomb of the Stuarts, St. Peters. Canova.
Torso Belvidere.
Three Marys. Tragedy. Trajan. Treasure Trove. Triton Carrying off Nereid. Ulysses and His Dog. Una and the Lion. Uncle Toby and Widow Wadman. Vanity, Veiled Model.

Venus, Accroupie.
Venus, Anadyomene.
Venus, Callipyge.
Venus de Milo.
Venus de Milo.
Venus Genitrix.
Venus Genitrix.
Venus Description of Victory.
Venus of Victory.
Venus of Victory.
Venus of Florence.
Venus of Florence.
Venus of Vienna.
Venus of Villa Borghese.
Venus of Vienna.
Venus of Villa Borghese.
Venus of Villa Borghese.
Venus of Villa Borghese.
Venus of Villa Borghese.
Venus of Vienna.
Victur of the Beduge.
Victory of Samothrace.
Virgin crowned, at Lourdes.
Virgin crowned, at Lourdes.
Virtue Crushing Vice.
Vision of the Red Cross Knight.
Widow at the Tomb.
Wrestlers.
Voung Chimney Sweeper.
Young Fawn.
Young Girl of Megara.
Young Satyr.
Young Shepherd.

# THORWALDSEN STATUARY.

The following are all by the celebrated Danish Sculptor, Thorwaldsen, and are fine specimens of his pure and simple style.

Summer. Autumn. Winter. Wisdom. Strength. Justice. Health. Earth. Air. Fire. Water. Matthew. Mark. Luke. John.

Christ.

Morning.

Spring.

The Apostles.
Holy Family.
Christ Blessing Children.
St. John Preaching.
Shepherd.
Shepherdess.
Harvest.
Boys Gathering Fruit.
Cupid with the Dog.
Cupid with the Net.
Cupid and Bacchus.
Cupid and Psyche.
Hebe.
Ganymede.
Venus.
Three Graces.
Lord Byron.
Copernicus and Schiller.
Monument Pope Pius VII.

# Choice Statuary-75 cents each. BUSTS.

#### ROGERS' GROUPS:

the celebrated American Sculptor, John Rogers, whose productions have attained the highest popularity in all parts of the Union.

Many of them refer to the stirring incidents of the Civil War, and can be made very available and attractive illustraavailable and attractive initiations in Lectures on that subject; while others are admirable realizations of the familiar scenes of American Home Life, The Drama, etc.

Balcony,
Bushwhacker.
Challenging the Union Vote.
Charity Patient.
Checker Players.
Checkers at the Farm.
Coming to the Parson.
Council of War.
Country Postoffice.
Courtship in Sleepy Hollow.
Fairy's Whisper.
Favored Scholar.
Fetching the Doctor.
Foundling. Foundling.
Fugitive's Story.
Going for the Cows.
Home Guard. It is so Nominated in the Bond. Mail Day.
Mock Trial.
One More Shot.
Othello.
Parting Promise.
Peddler at the Fair.
Photographas Photographer. Picket Guard. Playing Doctor. Polo. Private Theatricals. Referee. Returned Volunteer. Rip Van Winkle at Home. Rip Van Winkle on the Mountain.
Rip Van Winkle Returned.
School Days.
School Examinations.

In addition to our large assortment of Statuary, we would call attention to the annexed selection of "Busts" and "Bas Reliefs," which embraces many very desirable examples of Ancient and Modern Sculpture, and which often prove to be more appreciated by an Audience than full-length pieces of Statuary.

Sharpshooters. Shaughraun and Tatters.

Washington.

Shaughraun and Tat Taking the Oath. Tap at the Window. Town Pump. Traveling Magician. Uncle Ned's School. Union Refugees.

Village School-Master.

Weighing the Baby. Wounded Scout.

Antinous. Bashfulness. Charlotte Corday. Clytie. Coquetry. Dante Desdemona. Dryden. Elaine. Francis of Austria. Giovaninna. Girl with Lizard. Happy Memories. Hope. Hop Queen. Italian Girl. Lincoln. Livingstone, African Traveller. Madonna. Maiden's Prayer. Milanese Lady. Modesty. Morning Mother and Child. Nanella. Nelson. Odalisque. Pharaoh's Daughter. Pompeian Belle. Prayer. Prince of Wales. Queen of the Sea. Rameses. Religion. Roma Sailor Boy Scott Siddons. Seward. Shakspeare. Sunshine. Sunshine and Shower. Sweetness. Thetis. Thotmes III. Whisper of Love. Winter. Young Augustus (Roman Emperor).

#### BAS RELIEFS.

Agony in the Garden. Angel Reapers. Ariel. Choristers. Lucca della Robbia. Consolation. Pastoral Reed. Puck. Simplicity. Water Babies. Morning. Night. Spring. Summer. Autumn. Winter. 0 Sunrise.

Etoile, Genius of War. Victory Crowning Napo-Resistance to Invasion. Return of Peace.

Repose.

Blossom. Tired Gleaner. Mother's Joy.

#### TINTERS.

These are plates of colored glass, 3½ by 4 inches, and are very useful in connection with Statuary. We have them of various colors, Blue and Crimson being the most preferred.

25 Cents Each, First Quality, Second Quality, 10 Cents Each.

In a Dissolving View apparatus, or Stereopticon, the "Tinter" is first placed in one lantern, projecting a delicately colored field on the screen; the Statuary Slide is then placed in the other Lantern, and by the dissolving arrangement, is gradually developed, showing a pure white statue upon a richly colored background, and then slowly dissolved out, thus producing a ored background, and then slowly dissolved out, thus producing a very beautiful and novel effect. In a single Magic Lantern, a Tinter can also be advantageously used to give a tone of color to a landscape, etc.; thus a Blue Tinter passed slowly before the front lens will give a landscape the appearance of being seen as by moonlight; an orange Tinter will produce sunrise effect, etc. will produce sunrise effect, etc.

#### ICE, SNOW, WATER AND CLOUD EFFECTS.

Each on glass plate 3½ by 4 ches, with protecting cover inches, glass.

50 Cents Each.

A variety of very beautiful photographs of above, taken from nature, which are very attractive, and produce handsome effects in dissolving, either in combination with Views of Scenery, or as a background for Statuary. The various hues of Sunshine, Moonlight, etc. can be imparted to the Views by holding a Tinter of proper color in front of the tube of the instrument. strument.

Tinted Clouds - 75 Cents Each.

# MOTTOES.

\$1.00 Each.

Upon colored glass, three inches in diameter, with protecting cover glass; each motto is mounted separately in a neat wooden frame, seven inches long by four inches wide.

Good Night. Silence Welcome A Merry Christmas. A Happy New Year. Adieu. Buenas Noches. Adios.

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# CRAYON TRANSPARENCIES.

50 cents each; \$45.00 per hundred.

These are uncolored Photographs on Glass, reproductions of Fine Engravings, Original Crayon Drawings, etc., adapted for exhibition, with Oxy-Hydrogen, or any other form of Illumination. The assortment embraces a large variety of subjects besides those named below, and is being increased from time to time by novelties to meet the current demand. Great care having been exceised in the selection of originals, and in the Photographic preparation, they present when magnified on the Screen the appearance of finely finished Crayon Drawings. These "Crayon Transparencies" are each on square glass plate, 3½ inch wide, with a covering glass to protect from injury, and are most conveniently used in the Combination Carriers, Nos. 711 and 712, see pages 44 and 45.

#### Comic.

Æsthetic Monkey.
Angel Voices sweetly calling.
Attack on Watermelon—No. 1.

No. 2. No. 2. Babies on our Block.
Bare Chance.
Between Two Fires.
Boss of the Road.
Bride, and One Year after.
Bull-dozing. Capital Joke. Come into the Garden, Maud. Come where my Love lies dreaming. Coming thro' the Rye. Coolness between Friends. Darktown Fire Brigade -To the Rescue. Fire Brigade -Darktown Saved.
Darling, I am growing old.
Deacon Jones' Experience-Deacon Jones' Revenge—N De Breed am small—No. 1 -No.2. No small Breed dis yer-No. 2. Division of Labor. Don't you forget it.
Dot Little German Band.
Every Dog has his day.
Excuse haste and a bad Pen. Fatherless. Finding of Moses, by Titian.

Twain.

Five Degrees of Intemperance.

Game Dog.

Girl I left behind me.

Going! going! gone!

Golly, no wonder Missis don't

get up 'fore 10 o'clock.

Good Morning, Babies.

Good Might, Babies.

Good Story.

Go 'way down dar—No. 1.

I knew dere was mischief—

No. 2.

Grab the Ball, Johnny, I'll

No. 2.
Grab the Ball, Johnny, I'll wait.
Great Expectations,
In Happy Moments—No. 1.
Star of the Evening—No. 2.

In Happy Moments—No. 1.
Star of the Evening—No. 2.
Inspiration.
I want to be an Angel.
I wonder if it's loaded—No. 1.
It was loaded—No. 2.

I wonder if it's loaded—No. 1.
It was loaded—No. 2.
I would not ask to press that
Cheek.

Joy! He sees Her—No. 1. Hoy! She sees Him—No. 2. Laying back stiff for a Brush— No. 1.

Hung up with the Starch out-

Listen to the Mocking-bird.
Lovely Calm, No. 1.
Black Squall, No. 2.
Man as he expects to be.
Mary had a little Lamb.
Mary Jane on Skates, No. 1.
""No. 2.

" " No. 3.

Masher, No. 1.

Masher Crushed, No. 2.

Maternal Solicitude.

Me and Jack—No. 1.

Jack and Me—No. 2.

Moving Day.

Mr. (G)rass Hopper.

Mr. Murphy is rising with the

Mr. Murphy is rising with the world. Mule Train on an Up-grade—

No. 1. Mule Train on a Down-grade— No. 2.

No one to love. Parson's Colt trots if it is Sunday.

Picturesque Africa.
Pleasure before Business.
Pleasure Party
Bustin' a Picnic
Profit and Loss.

Profit and Loss.
Put my little Shoes away.
Rehearsal.
Richard is himself again.

She is not fair to outward View.
She stoops to conquer.
She wandered down the Moun-

tain Side.
Shimply, hic, waiting for a Fren'.

Something has got to come— No. 1. Something did come—No. 2

Something did come—No. 2 Stolen Pleasures are sweet— No. 1, No Pleasure without Pain—

No. 2.
Summit of Happiness—No. 1.
Depth of Despair—No. 2.
Sure of a Rite

Sure of a Bite.

Take back the Heart thou gavest.

That Husband of mine.

They all do it.
Thou art so near and yet so far.

Three Graces.
Three Scape-graces.
Three Systems of Medicine.
Too late for the Train.
Triumph of Women's Rights.
Trouble in the Church—No. 1.
" No. 2.

'Twas a calm, still Night.
'Twere vain to tell thee all I feel.

Two Heads are better than one.

Two Souls with but a single Thought.
Utah's best Crop—(Our Pet Babies).

Venus rising from the Sea.
Victor and Vanquished.
Victory Doubtful.
Walked Home on his Ear.
War, Boarding-house—No. 1.
Peace. "No. 2.

War Dance.
War of Races
We met by Chance.
We've had a healthy Time.
What are the wild Waves saying—No. 1.

Scoot, Brother, scoot—No. 2.
What does little Birdie say.
What is Home without a
Mother-in-law?

Where is my leedle Dog gone? Who says I stole dem Chickens? Who threw that Snowball?

### Irish Characters.

Why did you sup on Pork?

"Aisey, Acushla, while I hoist my ould coat forninst the baste. Faix, he'd drop his sthandin' if he thought it was on a single fare yer ladyship would be takin' him."

"Do not hesitate, Pat, but drink; its Jameson's seven years' old." "Siven! ye honor! Begor thin she's moighty small iv her age!"

Donnybrook Fair in the Rael Ould Times. Gettin' ready to Go a-Courtin'.

Gettin' ready to Go a-Courtin'.
Goin' to "the Beds"—No. 1.
Coming from "the Beds" [the
Spill.]—No. 2.

Haulin' off the Bride—No. 1, Haulin' Home the Bride— No. 2.

No. 2.

"I say, Paddy, what are those figures up there?" "Oh! sir, thim's the Twelve Apostles!" "Oh! nonsense! why there are only three!" "Sure, yer honer would't want thim all out at once. That's the Post Office, and the rest is inside sortin' the letters!"

"Kissing the Blarney Stone"— No. 1. Goin' to Kiss the Rael Blarney Stone—No. 2.

# VIEWS OF WORLD-RENOWNED PLACES OF INTEREST.

"What is the need of further journeying? Here is the world in small-From Asia to America, The distance of a Hall!"

These are uncolored views upon glass, photographed directly from nature; are very transparent and carefully prepared to yield brilliant effects, and reproduce the original scenes upon the canvas, thus placing them before the eye in all their truth and beauty.

It is impossible to give a complete list of all of this style of views in stock, as new subjects are continually being added to the assortment, so that almost every noted building or scene of interest in the Old World or America can be furnished. The following list, therefore, is intended rather as an indication of the variety of the stock, than as a specification of the particular views on hand.

These views of "world-renowned places of interest" are each on square glass plate, 3½ inches wide, with a covering glass to protect from injury.



# T. H. McAllister's Combination Carrier.

(Price 50 cents), is the best means of holding all square views while in the apparatus.

The illustration shown above is the arrangement for a Single Magic Lantern.—(See No. 711.)

For a Dissolving View apparatus or Stereopticon, a Pair of Carriers are required, of different construction. Price \$1.50 per pair.—(See No. 712.)

# Places of Interest-America. 50 cents each; \$45.00 per hundred.

#### Alabama.

Dauphin Street, Mobile. Mobile Academy,

#### Arizona

Colorado River in the Cañon. Grand Cañon, Colorado River. Colorado Cañon. Three Lakes, Canon Kanab. Grand Gulch, Sylvan Shower Bath Pipe Springs.

#### California.

Summit of the Sierras. Railway Ferry Landing, Oakland Truckee Station.

#### Sacramento City.

State Capitol. Panorama from Dome of Capitol

#### San Francisco.

The City, from Russian Hill. The Harbor. The Seal Rocks. Chinese Joss House, exterior. interior. Street in the Chinese Quarter. United States Mint, Starr King's Grave. Mrs. Hopkins' Residence. Baldwin Hotel and Market St.

Palace Hotel. Montgomery Street. City Hall. Merchants' Exchange. Golden Gate.

# Yosemite Valley, etc. General View of the Valley from Inspiration Point.

Looking up the Valley. Looking down the Valley. Yosemite Falls, 2,600 ft. high. Upper Yosemite Falls. Lower Yosemite Falls. Lower Yosemite Fails.
Vernal Falls, 350 ft. high.
Nevada Falls, 700 ft. high.
Bridal Veil Falls, 940 ft. high.
Bridal Veil Falls, 940 ft. high.
Lincoln Falls.
Ribbon Falls.
South Canon Falls. Teneyar Falls.

North Dome, 3,725 ft. high.

South Dome and Valley.

Half Dome. Washington Columns and Royal Arches. Sentinel Rock, over 3,000 ft high. Cathedral Rocks, 3,000 ft. high. Cap of Liberty. El Capitan, 3,300 ft. high. Three Brothers, 4,000 ft. high. Glacier Rock. Eagle Peak. Union Peak

Register Rock. The Old Chief. Bear Skin Mountain. Cloud's Rest. Inspiration Point. Mirror Lake. On the Merced River.

#### Mariposa Grove of Big Trees.

Entrance to the Grove.
The Butt End Section of the Big
Tree, showing the mode of
felling these immense Trees,
viz., by Pump Augers.
House built over Stump of Big Chip of the Old Block. Washington, 87 ft. circum. Mother of Forest, 350 ft. high, 63 ft. circum. Pride of the Forest, 45 ft. circum. Abraham Lincoln, 281 ft. high, 44 ft. circum. U. S Grant, 55 ft. circum. Grizzly Giant. The Fallen Monarch.

#### Colorado.

Sangrie de Christo Pass. Sangrie de Christo Fas Greenhorn Mt. Sternes' Ranch. Camp Williams. Coming from a Scout. The Headquarters. Ranch near Garland. Dairy Ranch

Trout Fishing. Return from Fishing. Ft. Garland. Ft. Garland, interior. Camp at Fisher's Ranch. Camp Loma. Camp Scene.
Camp Scene.
Officers' Tent.
Dress Parade, Cavalry.
Dress Parade, Infantry.
Rio-Grande-del Norte. Granite Cliffs, at Loma. Rifle Cañon. Mille Cañon.
Wagon Wheel Gap.
Cañon Willow Creek.
On Willow Creek.
Antelope Park.
Clear Creek.
Mary's Cañon,
Lake Mary.
Fall on Clear Creek,
Fast from Lost Trail East from Lost Trail. Camp at Lost Trail. Cuningham Pass. Cuningham Falls. Cuningham Gulch. Eureka Gulch. Eureka Falls. Arasta Gulch Little Giant Gulch. Borra Train. Little Giant Mill. Little Giant Mine. Little Giant Cañon of Cascade Creek. Mountains on Cascade Creek. Prout's Peak Camp at Sundown.
Summit of Lake Fork.
On the Lake Fork.
Capitol Mt. Capitol Mt.
Lake San Christobel.
Falls of San Christobel.
Valley of Lake Fork.
Upper Cañon of Lake Fork.
Grand Cañon on Lake Fork.
Sand Hills, San Louis Park. Sand Hills, San Louis Fa Moscoe Pass. Camp in Moscoe Pass. Camp Burnt Out. Waiting for Lost Mules. Camp on Ohio Creek. Elk Mountain. Mt. Strassburg. On Slate River. Lake on Slate River. Mt. Washington, Slate River. Lone Mt., Slate River. South from Lone Mt North from Lone Mt. Looking up Cañon Creek. Cascade on Cañon Creek. Mt. Mill, Bear River. Spencer, Huxley, Cañon of Castle Rocks, "Mt. Campbell, " Mitting for Game.
Snowy Range.
Taylor Cañon.
In Taylor River.
Cañon of Taylor River. Pass Creek. Summit Twin Lake Pass. Twin Lake Pass. From Twin Lake Pass. Natural Bridge. Twin Lake.

Twin Lake Creek.
Mt. Harvard, Chalk Creek,
Valley of the Arkansas.
Cañon of the Arkansas.
Granite Cliffs.
Mt. Pass.
Arkansas Cañon Exit.
The Party.
Sierra Blanca Mt.
Veta Pass,
Dump Mountain.
Mt. of the Holly Cross.

#### Manitou, and Vicinity.

Navajoe Soda Springs. Manitou Spring. Little Chief Iron Spring. Manitou House Grace Greenwood's Cottage. Stage Coach. Ute Pass Eden Cañon. Pic-nic among the Rocks. Rainbow Falls.
Rainbow Glen.
Engleman's Cañon.
Engleman's Fall. Boulder Fall. Gog. Magog. Pike's Peak. Cameron Cone. Glen Eyrie. The Punch Bowl. The Major Domo. Queen's Cañon. Fairy Fall. Cheyenne Cañon.
Cheyenne Falls.
Williams' Cañon.
Temple of Isis.
Cave of the Winds. The Narrows. Glen Athol Austin's Glen Adsid S Gell. Colorado Springs. A Family Group. Magog and Cameron Cone. Trail to Pike's Peak. Signal Station, Pike's Peak Summit Camp on the Plains.

#### Garden of the Gods.

The Gate.
Gate Looking East.
Cathedral.
Cave Rocks.
Steeple Rock.
The Toadstools.
Buena Vista Drive.
Balanced Rock.
The Simpleton.
Siamese Twins.
Seal and Bear.
Tower of Babel.

#### Monument Park.

The Tramp.
Vulcan's Anvil.
Dutch Wedding.
Dutch Parliament.
The Colonade.
The Flying Dutchman.
The Old Maid.
Vulcan's Workshop.

Denver.

Larimer Street. Exposition Building. Tabor Block. Lawrence Street.

#### Leadville.

Panorama. California Gulch. Mt. Massive. Fryer Hill. Iron Mine, Breece Hill. Main Street.

#### Connecticut.

#### Hartford.

State Capitol.

'interior.

Panoramic View from State Capitol.

The Atheneum.

Trinity College.
Old State House.

#### New Haven.

The Common.
Temple Street Arch of Elms.
Old State House.
Savin Rock.
View of the Sound and Savin
Rock.
Residence of Arnold.
Regicides' Cave.

#### Yale College.

Old Brick Row.
Avenue of Elms.
Farnam and Battell Chapel.
Divinity Hall.
Peabody Hall.
Alumni Hall.
New Laboratory.
Statue of Benj. Silliman.
Hall of Fine Arts and Silliman's
Laboratory
Reading Hall and Treasury.
Scroll and Keys.
North Sheffield Hall.
The Observatory.

#### Dakota.

## Black Hills.

Deadwood City.
Street in Deadwood.
Deadwood Gulch.
Custer City.
Street in Custer City.
Gordon's Stockade.
Government Train.
Miners' Claim.
Camp in Black Hills.
Miners' Camp.
Black Hills or Bust.

# Florida.

Fort Pickens, Pensacola, Navy Yard, "Isle of Santa Rosa. Street in Pensacola. The Sink, Paine's Prairie. Silver Springs. Ocklawaha River.

Boiling Springs. A Florida Cracker. Ox Wagon. Residence of Harriet Beecher Stowe.
Shooting Alligators.
Florida Express.
Crow's Nest
Plantation Scene.
Cotton Picking.
Flip-Flap Militia.
Log Cabin. Stowe. Orange Grove. Orange Grove.
Cypress Swamp.
Sugar Cane Mill.
Green Cove Springs.
St. Clair Hotel, Green Cove St. Chair Hotel, Green of Springs. Magnolia House, Magnolia. U.S. Hotel, Palatka. Street View. Cedar Keys. Panorama of Cedar Keys.

#### Jacksonville.

Ocala House, Ocala,

Panorama. Live Oaks, Forsythe Street. Adams Street. Street Scene. Street Scene.
East Bay Street.
Piers and Shipping.
May Point Light House.
May Point Landing.
A Cracker's Home.
Group of Palmettoes, Arlington An Isle of Palms.
Bayou Scene, St. John's River.
Sanford Park,
Sanford Pier.
Sanford Hotel, St. James Hotel Parlor. 66 Dining Hall. The Windsor.
The Duval.
The Everett. Carleton House. St. Marks Hotel.

#### St. Augustine.

Tremont House.

Elm Wood.

Panorama. Panorama.
Bay Street and Sea Wall.
Treasury Street.
St. George's Street.
Old Market Street.
Old Market House.
Old City Gates.
Oldest House. Spanish Cathedral, Exterior.

Confederate Monument and Old Slave Market. Slave Market. Slave Market. Interior. Old Fort Marion.

" " Lookout Tower.

" " Moat.

" " Entrance.

" " Interior.

" Interior. Stairway to Parapet.

'Quadrangle.

'Hot Shot Furnace and Moat.

'Powder Magazine. 44

" The Dungeon. Anastatia Island.

Louisiana.

Anastatia Island Light House. Marine Band—Third Regiment. Parade Ground--U. S. Barracks. Military Review. Street Scene, St. Augustine. Col. Tyler's Residence. St. Augustine Hotel. San Marco Hotel. Sunnyside House Sago Palm. Lover's Lane. Light House. The Beach. A Tropical Paradise. Villa Zarada. Old House in Charlotte Street. A Florida Garden.
Date Palm.
Artesian Well—50 feet high. Artesian Wen—50 les Avenue of Palms. Monster Live Oak. Little Minorcan Girl. Group of Donkey A Study from Still Life—(Fruits of the Soil). Palmetto Tree, 100 years old.

#### Georgia.

Fort Hood, Atlanta, Spot where General McPherson fell. near Atlanta. Steamboat Landing, Flint River Central City Park, Macon. Cobblers' Headquarters, Macon.

#### Savannah.

Panorama. Ball Street. Ball Street Fountain. Broughton Street. Pulaski Monument. Forsythe Park, Ball St. Entrance Savannah Market. Bonneventure Cemetery. Avenue of Live Oaks.

#### Illinois.

Rock Island. Bridge.

Chicago.

Panorama. Clark Street. Lake La Salle Street. State Otis Block. Times Office. Tribune Office. Mich. So. R. R. Depot. Pacific Hotel.
Water Works,
Lumber Exchange.
Grain Elevator.
Douglas Monument. Lake Erie.

Panorama of Council Bluffs. R. R. Depot, " "

National Cemetery, site of Chal-mette Battlefield, 1814.

Pine-woods Farm House. On the Tchfunctcha River. Port Hudson.

#### New Orleans.

Paporama Entrance to Barracks, Chalmette Road. Tower at Barracks. Bishop's Palace. Urserline Convent. Lee Monument. Canal Street. Jackson Square.
St. Louis Cathedral.
Old City Hall, where the officers
of the fleet came to demand the surrender of the city, 1862. St. Louis Cemetery.
Mississippi Steamer.
Orange Tree.
French Market. French Market.
The Mint.
Rue Royale.
The Old Criminal Court.
Home of Geo. W. Cable.
A Creole Home.
Sugar Cane and Oranges.
A Street Cobbler.
French Quarter.
Old Spanish Houses,
Stonewall Jackson's Monument. St. Charles Hotel. Custom House and Post-Office. Exchange Alley. Washington Cemetery. Metaire Cemetery. House of Louis Phillipi. Sieur Georges House. Old Orleans Theatre. Rampart Street Lafayette Square. Live Oaks. Leland University. Yucca Tree.
Gathering Oranges.
Gathering Oranges.
West End, Palmetto Group.
West End, Pier.
Pier.

Baton Rouge.

Panorama. Street where Farragut's men landed. National Cemetery. Magnolia Cemetery. The State House.

#### Maine.

Old Orchard Beach. Lewiston. Bangor. Penobscot River.

Mt. Desert.

Great Head. Schooner Head. The Ovens. S. W. Harbor. Bar Harbor. Duck Brook.

#### Maryland.

The Potomac Canal and Dam near Sharpsburg.

Bluff near Sharpsburg.
National Cemetery, Granite
Statue, "At Rest." Antietam.
The Old Dunker Church.
The Battlefield, Antietam.
Burnside's Bridge across the Antietam.

Antietam Creek. Ruins of the Boteler Mansion, Shepherdstown.

Confederate Monument, Shepherdstown.

#### Baltimore.

Panorama of the City. Battle Monument. Battle Monument.
Washington Monument.
Feabody Institute.
Fity College.
Catholic Cathedral.
St. Paul's Church.
Mt. Vernon Church. Broadway. Baltimore Street. Charles Mt. Vernon Square. Eutaw Place Monument Square. Druid Hill Park. North St. Bridge.

# Washington.

Panorama of the City. U. S. Capitol, Front.
Perspective. 66 66 Dome

Paintings in Dome Marble Room. President's Room. 64 .. Supreme Court. President's House, Front View. Rear.

East Room. Red Blue Green "

Senate Chamber, Exterior. Interior. House of Representatives, Ex.

Patent Office, Exterior. Interior.

Post-Office. Post-Office.
Treasury Building.
U. S. Treasury Cash Room.
New-Army and Navy Building.
Smithsonian Institute.
New National Museum. Agricultural Department. Pennsylvania Avenue. Jackson Square. Grand Opera House, Freedmen's Bureau & N.Y. Ave. Corcoran Art Gallery. Main Magazine. The Army Med. Museum, old Ford's Theatre, where Lin-

coln was shot. Chain Bridge on the Potomac. View of the Long Bridge. Soldier's Home.

Capitol Vista. National Cemetery.
Arlington, Soldiers' Monument.
The Arbor at Arlington. Arlington. Lee's Residence, Arlington.

Statue of Civilization.

6.6 Jackson.

6.6 Lincoln. 66 McPherson. 66

Rawlins. Scott. Washington.

Thomas. Farragut. 66

Washington Monument. The John Howard Payne Monu-ment, Oak Hill Cemetery,

Georgetown. Falls of the Potomac near Washington.

#### Massachusetts.

Old House at Dedham, 200 years old. Barn, Baker's Estate, Wellesley Battle Monument, Lexington.
John G. Whittier's House,
Amesbury.
Skipper Ireson's House Marblehead.

Boston and Vicinity.

Panorama of the City. City Hall. Custom House. Faneuil Hall. Old State House. New State House.
The Old South Church—Front.
" " " Rear.

The New " Old North Church. Trinity Church. Masonic Temple, Stone Chapel.
Art Musuem.
Boston Museum.
Hotel Brunswick.
Hotel Vendome. Tremont Street. Washington Street. Commonwealth Ave. Milk Street. Boston Harbor Quincy Market. Athenæum.

Long Wharf, Harbor of Boston. Scene of the Destruction of

Tea, 1773.
Public Library
Technological College—old and

new.
Old Corner Book Store.
Public Gardens.
Boston Common.

Frog Pond, Boston Common. Beacon Ave., "Washington Monument.

44 Soldiers' 6.6 Sumner Navy Yard. Boston Harbor.

Shipping. Dry Dock. Italian Garden. Mt. Auburn Cemetery. Forest Hills.

Entrance to Culp's Hill Burial Place.

Monument "to unknown dead." Cotton Mather's Grave, Culp's

Gen. Gage's Headquarters, 1775. Paul Revere's House. Old Bridge, Charlestown River. Charlestown Common.

Street View of Charlestown. Bunker Hill, Charlestown. Bunker Hill Monument.

#### Cambridge

Longfellow's House. Washington Elm.

### Harvard College.

Gore Hall. The Old Building. Soldiers' Monument. Gymnasium Building Tablets in Memorial Hall. Statue of John Harvard. Dormitory Memorial Hall—exterior. Severn Hall. Holden Chapel and Moss Hall. Hollis Hall, Thayer Hall and University Hall. Moss Hall and Mathews Hall.

Battle Monument, Concord Brg. Minute Men Monument, "Mright Tavern, British Head-q'rs, House where Revolution-ary Stores were concealed. Hawthorne's Old Manse. Emerson's Residence. Home of Louisa M. Alcott.

#### Plymouth, Mass.

Forefathers' Rock. Sea View from Burial Hill. Bradford Monument, I Burial Hill. Court Street, Plymouth. Pilgrims Hall, the Forefathers' Church. Forefathers' Monument. East Avenue.
Faith Monument.

#### Minnesota.

Steamer at St. Paul.
Panorama of St. Paul.
Street at St. Paul.
Suspension Bridge at St. Paul.
Falls of Minnehaha, Summer.
Winter.

Falls of St. Anthony. Rapids Rapids "

Bridge near St. Anthony's Falls.
Sandstone Cave near St. Paul,
Bridge and Tower, above St. P.
Fort Snelling.
Distant View of Fort Snelling.
Eroded Rock Formation.
On the Shores of Lake Pepin.
Bluff on the Banks of the Miss.
Vermilion Falls.

Vermilion Falls
Trampleau Bluffs, Upper Miss,
View from Trampleau Bluffs,
Steamboat Landing on Lake Pepin.

A Snowy Lane, Minneapolis. Cutting Ice on the Upper Miss. An Ice Plow on the Mississippi. Suspension Bridge, Minneapolis

A Mississippi Steamer loading, Interior of a Mississippi Steamer Rapide, Falls of Minnehaha. Mississippi River near St. Anthony's Falls.

#### Mississippi.

Beauvoir, Home of Jefferson Davis. Old Slave Bell. River Steamers.

#### Vicksburg.

Vicksburg, from the River.
Spot where Generals Grant and
Pemberton arranged for the
surrender.
Fort Hill.
Pearl River, house in swamp.
A Cane Brake on Pearl River.
In the Swamp.
The Monarch of the Swamp,
the largest Cypress on the
Pearl River.

#### Wissouri.

St. Louis.

Panorama, N. E.
S. E.
The Levee.
Mississippi Steamers.
Saloon on Mississippi Steamer.
Fourth Street.
Washington Square.
Suspension Bridge.
Snag Boat.
City Hall.
Post Office.
Jail, Interior.
Court House.
Masonic Temple.
Southern Hotel.
Lindel House.
Pickwick Theatre.
Schnaeder's Theatre.
Lafayette Park.
Oidest House.

#### Kansas City.

Panorama.
Main Street.
Delaware Street.
Union Depot.
Coates' House.
Court House.

#### Nebraska.

Omaha.

Panorama, Bridge, U. P. Depot. Farnam Street. Withnell's House.

Lincoln.

Panorama.
Post Office.
B. & M. R. R. Depot.
Commercial House.
Arlington House.
Ziemer's Ticket Office.
State Prison.
Lancaster Jail.

Sod House. Big Tree, Chief of the Forest, Milford.

#### New Hampshire.

Plymouth.

Concord.

Law Office of Franklin Pierce.
The Home
The Grave

#### White Mountains.

Lake Winnipiseogee. Diana's Bath. Artist Falls. Crystal Falls. Glen Ellis Falls. Frankenstein Trestle. Frankenstein Trestie.
Deep Cut, P. & O. R. R.
Ammonoosuc Falls.
Twin Mt. House.
Fabyan House.
Crawford Notch.
House. Glen House.
Mt. Webster.
Willey House.
Echo Lake.
Old Man of the Mt. Profile House. Profile Lake. Maplewood Hotel. Flume Flume House. Pool. Basin. Moat Mt. Cathedral Ledge. Emerald Pool Elephant's Head. Gibbs Falls. First Beecher's Cascade. Second Third Kearsarge House. Mt. Kearsarge. Ripley Falls. Purple Lake. Casco Lake. Mt. Willard. Pulpit Rock. Lake Chocorou. Hartz's and White Horse Ledge. Hartz s a... Ellis River. Falls.

Squam Lake.
On the Saco.
On the Androscoggin.
Mt. Pleasant House.
Sunset Hill House.
Goodnow House.
Jefferson Hill House.
Waumelek House.
Wentworth House.

Intervale House.

Mt. Washington.

Railway.
Workmen descending.
Railway Train.
Lizzie Bourne's Monument.
Summit House.
Tip Top "
Tower.
Jacob's Ladder.
Mt. Washington in Winter.
Weather Bureau Station.

#### New Jersey.

Looking to Sea from Highland Lights. Brick Church, Orange. Car Elevator, Hoboken. Marl Beds near Monmouth. View of Trenton. Trenton Falls. Passaic Falls.

#### Princeton.

Stony Creek Battlefield.
Quaker Meeting House on the
Battlefield.
Tree under which Gen. Mercer
was shot.
Mercer or Clark House, where
Gen. Mercer died.
Grave of Jonathan Edwards.
Graves of Aaron Burr and
Jonathan Edwards.
Com. Stockton's House and
Grounds.

Mest College and Quadrangle.
East

Nassau Hall.
Witherspoon Hall.
Scientific Hall.
Library and Dickens' Hall.
The Observatory.
Philadelphian Society Building.

#### Atlantic City.

Instantaneous Bathing Scene, Crowded Beach. The Pier from the Board Walk. The Beach South from Pier. The Beach North from Pier, showing Light House. Watching the Yachts. A Crowded Beach and Board Walk. Racing in the Inlet. Instantaneous Marine. Board Walk, crowded, from the Pier.

#### Cape May.

Full view of New Iron Pier.
View from Iron Pier, North.
South.
Cape May from New Iron Pier.
On the Beach.
Pier and Steamer.
The Stockton House.

#### Long Branch.

The Beach.
Ocean Avenue.
Cottages,
Grant's Cottage.
U. S. Hotel.
West End Hotel,
Iron Pier.

#### New Mexico.

Embudo-Comanche Cañon, Old Mill, Chamita. Passengers Crossing the River on Indians. Stage for Santa Fé.

#### Albuquerque.

Panorama. Main Street.

Old Mexican House. Placita in Mexican House. Cathedral Santiago Street. Plaza

#### Taleta.

Panorama Indian Girls. The Estufa. Family Group. View of Plaza. Indian Group. Mud Roofs. Indian Home. Old Church.

#### San Juan.

Panorama Old Church. interior. North Plaza. Husking Corn. Indian Boys on Burros. A Caretta.

#### Santa Cruz.

Panorama Old Church.

Santa Fé.

Panorama. Palace Mexican Houses. The Plaza Military Headquarters. Santa Guadaloupe Chapel. Burros loaded with wood. San Francisco Street. Shelby Street. Chapel and Convent of Loretto. Oldest House. Church of Miguel. Church and Brothers' College.

#### New York City.

# Panoramic Views.

City and Bay. East River Bridge. 66

North River. Governor's Island. East River Front.

# River and Harbor Views.

East River. Governor's Island Landing. "Officers' quarters

South Ferry. Ocean Steamer, in bay. at dock. 66 deck.

Ferry Boat. Shipping. East River Bridge, Tower. Span. 6.6 66

Approach. Gen'l View. Brooklyn 66 66 Approach. Stairway.

where the accident May 30th,

1883, occurred. Oyster Market. West Street. Dust Barge.

Canal Barges. Harlem Railroad Bridge. Harlem Bridge. High Bridge.
Steamer Osseo.
Steamer Providence. Steamer Pilgrim. interior. Steamer Narragansett. Grain Elevator.

# Prominent Buildings.

Castle Garden. Barge Office, Battery Park. Custom House. Post-Office, front.

Treasury, Wall St. City Hall, Tombs Prison Jefferson Market Court House. Five Points House of Industry. Blackwell's Island.

Biackweii's Island.
N. Y. Herald Office.
"Tribune "Staats Zeitung "Bible House.
Y. M. C. Association.
Western Union Telegraph.
Equitable Life Ins. Co. Stock Exchange, exterior.

New Produce Exchange.
Mills Building.
Domestic S. M. Co.
A. T. Stewart, Store.
A. T. Stewart, Mansion.
Vanderbilt Mansion. Historical Society. Astor Library. Lenox Library Seventh Regiment Armory. Union League Club.
Florence Flat.
Masonic Temple.
Grand Opera House.
Academy of Music.
Academy of Design.

Clinton Hall Tammany Hall.
Cooper Institute,
Normal College.
N. Y. College.
Columbia College United Bank Building, Union Dime Bank. Park Bank.

Grand Central Depot, exterior. interior.

Hospitals.

Bellevue. Mt. Sinai St. Luke's Homepathic. Womens'

#### Churches.

Calvary Baptist.
Catholic Cathedral, exterior. Tabernacle, Congregational. Collegiate, Dutch Reformed. Trinity Episcopal. interior. St. Paul,

Grace, Episcopal. Holy Trinity, Episcopal. Heavenly Rest. The Little Church around the Corner, Episcopal.

Madison Avenue Synagogue, Jewish. 5th Ave. Synagogue, Jewish. First Methodist.
Dr. Hall's Presbyterian.
Messiah, Unitarian.
5th Avenue Universalist.

#### Hotels.

Metropolitan. Buckingham. Astor House. 5th Avenue. Gilsey House. Hotel Victoria. Windsor.

#### Street Views.

Broadway, near Post Office.

looking down.
looking up. Wall Street. Madison Avenue. 5th Avenue, looking down. up

Union Square. Madison Square. Steam Fire Engine.

#### Statues, etc.

Washington. Seward. Farragut. Franklin. Worth Monument.

#### Elevated R. R.

New Bowery. Chatham Square. West Broadway. 23d Street Station. 33d Street Station. 100th Street. Curve. 110th

#### Central Park.

59th Street Entrance. 5th Avenue Lake. Fountain and Terrace. Mall Rustic Bridge and Path. Lake and Boat House. Boat House. Bow Bridge, Marble Bridge. The Loch. The Loch Bridge. Statue Morse.
"Webster.
"Seventh Regiment.

66 Indian Hunter. 66 Lion and Cubs. 66 Shakespeare 6.6 Auld Lang Syne. The Belvidere. The Obelisk

Vassar College.

66

#### Brooklyn,

Panorama Fulton Ferry. City Hall. Court House. Municipal Building.
Plymouth Church, exterior. interior.

Talmage's Church. Lincoln Statue. Deck of Man of War, Navy Yard

#### Prospect Park.

Rustic Bridge Dairy Farm House. Goat Team. Lake.

# Greenwood Cemetery.

Entrance. Lake. Canda Monument. Jas. G. Bennett's Monument. Soldiers 4.5 Garrison's

#### Coney Island.

Panorama. Tower. Iron Pier Iron Pier.
Brighton Beach Hotel.
Manhattan Beach Hotel.
Oriental Hotel.
Amphitheatre Manhattan Beach
Bathing Scene. The Beach. The Sea.

#### New York State.

Little Falls. Canal Boat entering Lock. Mohawk River. Oneida Community Buildings. R. R. Depot, Rome. Genesee Falls. Grave of John Brown, North Elba.
House of Edgar Allan Poe,
Long Island.
House of Garibaldi, Staten Is.

#### Hudson River.

Locomotive. Palace Car.

Spuyten Duyvil Junction. Creek. £ i. Station. Palisades. Pansades,
Mt. St. Vincent.
Forrest's Castle.
Yonkers, Landing.
Morris Manor House, Yonkers.
Livingston Mansion, Dobbs Ferry.
Van Courtland Manor House, Croton.

Storm King, Cornwall. The Crows' Nest. The Crows Nest.
Cold Spring.
Treason Hill, Haverstraw.
Dunderberg.
Sunny Side, Home of Irving.
Garrisons.
Sing Sing Prison.

Observatory. 66 Museum. Poughkeepsie R. R. Depot.
Livingston Manor House,
Poughkeepsie.
Washington's Headquarters, Newburg. Highlands. New Hamburg Cut. Peekskill. Station.
River at Peekskill Verplank Manor House, Fish-kill. House Referred to in Cooper's "Spy."
Constitution Island. Cozzen's Hotel. Highland Falls. Hudson River, below Garrisons. Hudson River, below Garrison Anthony's Nose. Wappinger Falls. Garner's Mills. High Rock, above Hyde Park. Falls above

Bridge and Falls above " Rhinebeck Station. Hudson. Hudson R. R. Depot. River from Park View, Hudson. Mt. Mereno. Tappan, André Monument. where André was con-

Rockland Lake. Hook Mountain. Break-neck Mountain. R. R. Bicycle. Stony Point.

#### Tarrytown.

R. R. Train. Old Church. Old Mill. André Monument. Drive. Grave of Washington Irving. Sleepy Hollow.

Bridge.

#### West Point.

Headquarters. Library Drive and Academy.
Riding Academy.
Custer Monument.
Trophy Park.
Revolutionary Chain. Summer Camp. Summer Camp.
Looking up the Narrows.
Water Battery.
Light House.
From River.
Parade Grounds. Campus. Old Fort Clinton. The Cemetery.
Ruins of Fort Putnam.
West Point Hotel.
Col. Thayer's Statue.

#### Catskill.

Boat Landing. Mountain House Hotel Kaaterskill. Laurel House.

Kaaterskill Falls. View from Sunset Rock. View from Sunset Rock.
Bastion Falls.
Haines Falls.
High Peak and Round Top.
Land Slide.
Profile Rocks. Fawn's Leap. Above Fawn's Leap. Kaaterskill Clove Clove Bridge and Falls. Palenville. Emma Falls.
Palenville Hotel. Stony Clove. Rip Van Winkle House.

#### Saratoga.

Broadway.
Congress Hall.
Grand Union Hotel.
Dining Room.
Grice.
Rall Room. Drawing Room. Hallway. U.S. Hotel.

Court. Drawing Room. 66 44 Clarendon Hotel. Congress Park. Columbian Spring. Congress 66

interior. High Rock Geyser Pavilion Empire Washington Star United States Spring. Saratoga Lake. Moon's Hotel, Saratoga Lake. R. R. Station.

#### Glen's Falls.

Falls and Mills. Lumber District. Devil's Punch Bowl. Fountain Square. Soldiers' Monument Rockwell House.

#### Lake George. . .

The Lake. The Landing Landing Ft. Wm. Henry Hotel Porch. Ft. George.

Crosby House. Half-way House. 100 Island " 66 Mohegan 66 Sagmore Kattskill 6.6 Bolton. Caldwell. Caldwell.
Hulett's Landing.
Pearl Point.
The Narrows.
French Point.
The Stage Coach.
Trout Pavilion. Tea Island Roger's Slide.

Black Mt. Mt. Defiance.
Ft. Ticonderoga.
Ft. Ticonderoga Hotel.
R. R. connection at Ft. Ticonderoga. Ticonderoga, Lower Fall.

#### Watkins Glen.

Amphitheatre. Stillwater Gorge. Minnehaha Fall. Cavern Cascade. Glen Mt. House. Sylvan Gorge. Cathedral Bridge. Pluto Falls. Central Falls Rainbow Falls. Buttermilk Falls. Artist's Dream. Narrow Pass. Staircase. Elfin Gorge. Fairy Pool.

#### Adirondacks.

Blue Mt. Lake. Raquette Lake. Phelps Falls. Prospect House. Paul Smith's. Cascade House. Elizabethtown. Elizabethton .... Schroon Lake. "Hotel.

#### Au-Sable Chasm.

General View. Cathedral Rocks. Hell Gate Bridge. The Basin Split Rock. Bermingham Falls. Au-Sable Ponds.

#### Albany.

Panorama. R. R. Depot. R. R. Bridge Boat Landing. Albany Basin. State Street. Delavan House. Post Office The Capitol

Staircase. 66 Court of Appeals. 66 6.6

Hallway. Golden Corridor. Assembly Chamber. 5.6 Fire Place.

State Library. North Pearl Street. City Hall. Van Rensselaer Home. Schuyler Mansion.

## Troy.

City Hall. Music Hall.

#### Schenectady.

Erie Canal. Union College Memorial Hall.

R. R. Station. Genesee Street. John Residence of Roscoe Conkling. Erie Canal.

#### Syracuse.

Canal. Court House. Panorama.

#### Buffalo.

City Hall. Jail. Park. Breakwater. Lake Erie.

#### Ithaca.

Taghkanic Falls. Ravine. Enfield Falls. Ravine. Steeple Rock. Falls. Cathedral Gorge. Cayuga Lake. Bridal Veil Fall. Indian Grist Mill.

#### Portage.

Genesee River. Glen Iris Old Bridge. New

### Niagara.

General View American Falls from Goat I. Horse Shoe Falls. Sunset at Niagara View from Prospect, Niagara. Profile Rock. Horse Shoe Falls from below. American Falls from Canada. Horse Shoe Falls from Canada Falls above Canada Side. American Falls from Luna I. The Old Terrapin Tower, Terrapin Tower in Winter, Bridge to 3 Sisters in Winter, Rapids above American Falls. Ice Mound below. View of New Suspension Bridge. New Suspension Bridge, front. Tower of the New Bridge. Tower of ...
Ice Bridge,
by Moonlight.
Worse Sho

" by Moonlight.
Ice Mounds in Horse Shoe Falls
Horse Shoe Falls in Winter.
American Falls in Winter.
Cave of the Winds in Winter.
Frost Work on Luna Island.
Ferry Landing, Winter.
Luna Island Bridge, Winter.
Luna Island Bridge, Winter. Dog Island.
Bridal Veil.
New Cantilever Bridge.
Three Sisters' Island.

Little Brother Island.

#### Lake Champlain.

Steamer Landing at Port Kent. Belew Westport. Below Essex

#### North Carolina.

Round Knob Hotel. Rollind Knob Hotel.
Railroad Bridge on Mill Creek.
Viaduct Bridge, Round Knob.
High Trestle, W. N. C. R. R.
Old Round Knob Hotel. Diep Cut. near Round Knob.
Big Fill Trestle, W. N. C. R. R.
Cascades on Mill Creek.
Big Fill Trestle—Looking up—
"165 feet High."
Series of Tunnels from Lick
Log to McIlroy. Entrance to Swannanoa Tunnel. Entrance to Swannanoa Tunn Blue Ridge at Royal Gorge. Mt. Mitchell Hotel. Swannanoa Valley. Black Mt. Station. French Broad Valley. Main Street, Asheville. Swannanoa Hotel, Asheville. Village Market Cart. Bumcombe Co. Court House. French Broad River.

French Broad River. Beaucatcher Mountain.

Beaucatcher Mountain.
Iron Bridge over the French
Broad River.
An Asheville "Cider Cart."
Group of Villagers.
Village Jubilee—Asheville.
Hotel at Alexanders.
Major Blackwell's Hotel.
Turnpike House.
Chalybeate Spring.
Turnpike House and R. R.

#### Waynesville and Vicinity.

Haywood White Sulphur Spring Waynesville, East. National House, "Waynesville" Waynesville, West. Waynesville, West. Group of Cherokee Indians. Main Street, "Waynesville," Balsam Mountain. Sulphur Spring. Old Mill—"Story Run." Balsam Hotel. Cascades of Scotch Creek. A Tobacco Farm & Fox Hunters Cowee Tunnel.
On the Tuckaseegee.
Cascade of the Tuckaseegee

View of the Tennessee River. Bridge over the Tennessee River. Marble Cut. River. A Mountain Home.

A Rock House, Nantahala R. Corn-Cracker or Native Grist Mill.

Cat Stairs—Terminus of the W. N. C. R. R. A Mountain Farm. Nantahala River. Nantahala Val. Fish Dam. The Moonshiners' Camp. A Mountain Still. Cascades of Nantahala River. Cloud Effect on the Mountain, Valley of Noon-day Sun,

The Chain Gang.
North Carolina Grist Mill.
Log Cabin—Family Group.
Valley of Valley River.
Ploughing in W. N. C.
On the Mountain Trail.
Nelson's Knob.
Bird's Eye View of Murphy.
Cherokee Co. Court House.
The Hiawassee River.
Macon Co. Court House.
Franklin House.
The "Hoss" Trader.
Corundum Mine near Franklin.
"" interior.
Whiteside Mountain.
Satulah Falls.

#### Ohio.

Cincinnati.

Suspension Bridge.
Tyler Davidson Fountain.

#### Pacific Railroad.

Exterior of a Pullman Pal, Car.
Interior of a Sleeping Car.
All aboard! Em. Tr. going W.
Echo Cañon.
Hanging Rock, Echo.
Pulpit Rock,
Valley of the Weber.
Weber River.
Devil's Gate.
Trestle Work.
Reed's Rock.
1,000 Mile Tree.
Devil's Slide.
Donner Lake.
Exterior of the Snow Sheds.
Interior
Hydraulic Gold Mining.
Mirror View on Mary's Lake.
Witches' Rocks.
Building Snow Sheds on Central Pacific R. R.

#### Pennsylvania.

Haverford College.
Panorama of Alleghany City.
"Pittsburg.
Ohio River
Western Penitentiary, Pittsburg
Washington's Headquarters,
Valley Forge.
Panorama of Pottsville
Atkins Furnaces, Pottsville.
Cedarcroft, Bayard Taylor's
Home.
Birthplace of Bayard Taylor.
Lodge at Cedarcroft.
Library
Birmingham Meetinghouse, Battlefield of Brandywine.
Old St. David's Church, Radnor
Old St. Peter's
Wheatland, House of Buchanan
Grave of President Buchanan.
Grave of Thaddeus Stevens.
Panorama of Ebensburg.
Maplewood Hotel, Ebensburg.
Cherry Valley.
Spouting Oil Well.
Massacre Monument, Wyoming
Valley.

Philadelphia.

Panorama of Philadelphia.
Independence Hall, front.
'Interior.
Old Independence Bell.
Hancock Chair.
Washington Statue.
Carpenter's Hall.
Custom House.
U. S. Mint.
Girard College.
Masonic Temple.
Continental Hotel.
Christ Church.
Fairmount Park.
"Water Works.
Lincoln's Monument, F. P.
Girard Avanue Bridge.

Lincoln's Monument, F. P. Girard Avenue Bridge.
Callowhill Street Bridge.
Callowhill River R. R. Bridge.
Schuylkill River.
On the Wissihickon.
New City Hall.
Post-Office.
Union League Club.
University of Pennsylvania.
Academy of Music.
Academy of

### Bethlehem.

Moravian Mill.
Street and Moravian Church.
Old Moravian Sun Inn.
Moravian Burial Ground.
Moravian Dead House.
Moravian Sisters' Convent.
Moravian Church.
View of the Town.
Packer Hall, Lehigh University.
Library and Gymnasium, "Laboratory,"

Cresson Springs.

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Lower Spring House.
Alum Spring.
Cottage Row, Mountain House
Grounds.
Summit of the Alleghanies.
The Old Portage Road.
Big Trees near Cresson Springs.
Fallen Tree near Big Trees.
Wildwood Hotel near Cresson.
Bell's Gap.

Bell's Gap R. R. toward Stony Point. Rhododendron Park.

Delaware Water Gap.

Mts. Minsi and Tammany.
Marshall's Falls.
Bridal Veil Falls.
Raymondskill Falls.
High Falls.
Fulmer Falls.
Freedom Falls.
Sawkill Falls.
Eureka Glen.
G. W. Child's Arbor.
The Soap Trough.
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Point of Rocks.
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Rebecca Cascade.

#### Gettysburg.

Main Street.
The Battlefield.
Devil's Den.
Monterey Gap.
Big and Little Round Top.
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#### Mahanoy City.

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Bear Mountain.
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General View of the Lehigh
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View from Summit of Mt. Pisgah
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Burning Mine Summit.
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Purgatory.
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Old Wind Mill. The Casino, Exterior.

Lovers' Lane. Nigger Head Rock.

Narragansett Pier.

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Providence.

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Meeting Street.
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Sphinx Boulder. Ogden. Wasatch Wasatch Mountains. Corinne. Mt. Nebo from West. West view of Gunnison, San Pitch and Sevier River. San Pitch Mts. Looking down Volcanic Peak, Wasatch. A Ranch in Southern Utah. Rio Virgin Cañon.

#### Salt Lake City.

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Great Organ in Tabernacle.
View of City, with Tabernacle
and Temple. Deseret Store. Court House. Theatre. Main Street Brigham Young's Bee Hive.

#### Vermont.

Breakwater, Burlington. St. Albans, Winooski Falls.

#### Virginia.

Natural Bridge Fortress Monroe. Harpers Ferry Down the Potomac. Looking up the Shenandoah. John Brown's Fort.

#### Rull Run

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The Old Stone House.
The Ford at Sudley Springs.
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#### Chancellorsville.

The Marie House. Gen. Lee's headquarters. The Old Red Church. General view of Battlefield. Chancellor's House. Ely's Ford Road. Stone. tone, marking spot Stonewall Jackson fell Scene of Charge of 8th Penn'a Cavalry.

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#### Fredericksburg.

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#### Mount Vernon.

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The First Tomb of Washington
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View from Window of Washington's chamber. Old Pohick Church. Washington's Barn.

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Fort Rice. Fort Mahone. Fort Stedman. The Mine. The Crater Blanford Church. Richmond.

Panorama. Docks. Libby Prison. Confederate Capitol. Statue of Washington, in Capitol. Statue of Henry, in Capitol. Confederate White House. Washington Monument. Jackson Soldiers' Sodiers'
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The Old Court House.
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Elko Station, Nevada.

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Sioux Village.
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Grave of Crazy Horse.
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American Horse, with his war
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American Horse and Squaw.
American Horse Lodge and
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Iron Crow.
Rocky Bear and Squaw.
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Black Bear.
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"Squaws.
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Booming Timber over a dam, Kinnikinik Falls.
Upper Kinnikinik Falls.
Dalles of the St. Croix.
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A Picturesque Waterfall.
A Log Jam, Upper Wisconsin.
Breaking of Log Jam, Upper
Wisconsin.
Falls at Summit Mill.

#### Kilbourn Dalles.

Stand Rock.
Luncheon Hall.
Hornets' Nest.
Witches' Gulch.
Head of the Dalles.
Steamboat Rock.
Rock Glen.
Gates Glen.
Up the Dalles.
The Elbow.
Rafting on the Dalles.
Tower Rock.
Pine Bluff.
Lone Rock.
Sugar Bowl.
Ink Stand Rock.

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Minne-Wauken, East Cliff. Tomahawk Rock, Pine Cliff. Split Rock. Kirkland. Devil's Doorway. Old Shady. Echo Cliff's Rock.
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Wonder Notch.
North from Echo Point.
South from Echo Point.
Thunder Cliff.
Turk's Head.
Grove at Kirkland.
Cleopatra's Needle.
The Tower.
Paffrey's Glen.
Pewitt's Nest.
Old Mill at Pewitt's Nest.

#### Wyoming.

Bad Lands.
Sandstone Bluff.
Castellated Rock.
Green River.
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Cheyenne.
Guard House, Ft. Robinson,
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Petticoat Rock.
High Treste near Cape Horn.

#### Yellowstone National Park.

Map of the Park.

Old Faithful Geyser, Crater. in Eruption. " Pools. Lion Geyser, Crater Giantess Geyser, Crater. Monarch Geyser. Fountain Geyser Castle Geyser, Crater. near in Eruption. Bee Hive Geyser, Crater. in Eruption. Grand Geyser, Crater. in Eruption. Black Sand Geyser, Crater. Grotto Geyser, Crater. Comet Geyser, Crater. Saw Mill Geyser, Crater. Minute Geyser White Dome Geyser.
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Mammoth Hot Springs, Upper Basin.

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Yellowstone Falls, Upper Falls.
Yellowstone Falls, looking over the Great Falls Yellowstone Falls, Rapids above Falls. Yellowstone Lake, Boiling Pool, Grand Canon, from Lovers' Leap. Grand Canon, from the Big Boulder.
Grand Cañon, looking down
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Upper Terrace Pools.
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# GUIDE BOOK TO THE YELLOWSTONE NATIONAL PARK, Giving Descriptions of the above Views, Price, \$1.00.

Hoodoo Sentinel.
Devil's Gate to Fire Hole Basin.
Devil's Slide and Cinnabar
Mountain.
Castle Rock and Pyramid
Mountain.
Roman Sentinel.
Finger Rock,
Hunter's Camp.
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Debri Hill.
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View on Fire Hole River.
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Natural Bridge.
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Panorama of Port Arthur.
"Winnipeg.
Main St.
"Panorama of Hamilton.

The Market

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James Street.
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Notre Dame Bell, (24,780 lbs.)
New Cathedral.
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McGill College.
Montreal College.
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Montreal Bank.
Windsor Hotel.
Victoria Bridge.
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Soldiers' and Sailors' Monument
Bonsecours Market.
Grand Trunk R. R. Depot.

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Point Levi.
Dufferin Terrace.
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St. John's Gate.
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New Jail.

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Lieut.-Governor's House, Post Office. Normal College. University College.

#### Thousand Islands.

Alexandria Bay.
Thousand Island House.
Bonnie Castle.
Mt. Beulah.
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Ancient Abbeys and Cathedrals of Great Britain.

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Shrine.

Shrine.

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Canterbury—Exterior.

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The Baptistry.

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Panorama of Suez. "The Street called Straight"-Suez Junction of the and the Red Sea. the Suez Canal Quarters - Suez Quarantine Canal. Red Sea Ferryboat. Egyptian Quarantine Camp. Port Said. Ismailia.
Well of Moses
Desert Caravan.
Wells of Elim. Hills about Elim. Hills about Film.
Egyptian Temple Ruin
Wady Keneh.
Rock of Moses.
Garden in Wady Feiran.
Gum-Arabic Tree.
Shittim-Wood Tree.
"The Mountain of Moses."
The Amalekite Battlefield.
Ruined Stone Houses Ruins -Ruined Stone Houses. Gaves of the Anchorites.

Caves of the Anchorites.

Arab gathering Manna.

The Mount Sinai Range.

"Pass of the Wind," near Sinai

Fountain in Nubk Hawa. Nawami (Rock) House Bedouin Camp. Camp atMount Sinai.

Convent of St Katherine. Garden—Convent of St. Katherine.

Visitors being hoisted up the Wall of the Convent. Entrance Gate, Convent of St. Katherine.

Group of Monks.

Manuscript page of the "Tischendorf" Codex Sinaiticus,
John I.

chendor "Codes Stratecus,
John I.
Ancient Manuscript of the New
Testament — Title-page and
Portrait of St John.
Ancient Manuscript of the
New Testament—Chapter I.
of the Gospel and Portrait

of St. Matthew.

Mosque and Church of the Convent.

Interior, Greek Church.
The Convent Court with Church
and Campanile.
Plain of Er-Raha.
Skull of St. Stephen.
Exit Gate of the Convent.
Fountain of Moses.
Chapel of the Virgin, Exterior—
Mt Slnai

Chapel of the Virgin, Exterior—
Mt Sinai
Chapel of the Virgin, Interior—
Mt. Sinai.
The "Shrive" Gate and Steps of

The "Shrive" Gate and Steps of Mt. Sinai.
Second Gateway, Mt. Sinai.
The Good Well, Mt. Sinai.
Chapels of Elijah and Elisha.
Chapels of Elijah and Elisha.
—Interior.

Chapel and Mosque, Summit of Jebel Moosa. Cave of Moses. Jebel Katareena. Ras Sufsáfeh. Jethro's Well. Bedouin Shepherd-boy. Date and Almond Trees. Wady-esh-Sheykh. Ras Sufsáfeh, from Er-Raha. "The Hill of the Golden Caif." Sinai Valley and Convent.

#### Mount Sinai to Akabah.

Sinai Valley.
Hazeroth.
Gates of Wady El-Ain.
Pass in Wady El-Ain.
Gulf of Akabah.
Oasis by the Gulf of Akabah.
Site of Exion-Geber.
Village of Akabah.
Bedouin Judge.

#### Akabah to Petra.

Wady Arabah.
Wall of Defence.
Pass through Wady El Ithm.
Ruins and Rock of El Guerrah.
Spynx of El Guerrah.
Soynx of El Guerrah.
Hoorish Pilgrims en route for
Mecca at the Well of Humeiyumeh.
Rock-House and Pictured rocks
at Humeiyumeh.
Paporama of Petra.

Jebel Haroun-Mt. Hor.

For further lists of Foreign Views see "Detailed Catalogues,"

Ancient Edom and an Ancient Nubian Curly Heads.

Village.

Pool and Ruins of Ain-El-Nubian Children. Necropolis of Petra. Necropolis of Petra.

Tomb of the Four Pyramids.

Petra Bedouin Guard.

Buttressed Arch—Gorge of Sik.

The Küsneh, at Petra.

Group of Rock Temples—Petra

The Petra Theatre.

Chief of the Petra Bedouin and

Stoff

Staff. Staff.
Camp at Petra.
Temple of the Urn with Arched
Terrace.
Tombs, Temples and Cliffs.
The Corinthian Structure.
The Kasr Faroun and Broken

Columns. Columns.
Temples of Nature and Edom.
Rock Stairway and Pulpit.
Pyramid and Ruined Fortress
on the highest cliff.
Sacrificial Altar of Baal.
Ravine of the Deir,
Rock Temple near the Deir.
The Deir.
Mt. Hor from the Deir.

Mt. Hor from the Deir. A Partly Finished Rock Temple showing the mode of construc tion (beginning at the top and working downwards,

#### Petra to Palestine.

Ain-El Weibeh. Grave of Miriam Mountains on Borders of Caanan An Oasis in the Arabian Desert.
Departure of Caravan from
Arabia to Palestine.
Camp of the Tiyahah Bedouin.
Loading a Camel for the March March Village of Dhoheriyeh.

Egyptian Life. Travelling in the Desert. Camel Drivers Arabian Coffee House. Dahabieh Captains Galley Cooks.
Arabian Dancers.
Bottle Raft on the Nile.
Rope Maker.
Cloth Trader. Tailor. Tobacco-Pipe Dealer. Butcher. Grocer. Coppersmith. Sack Dealer. Tinman. Bread Market. Perfumer. Water Carriers.
Confectioner.
Slave Market.
Egyptian Feast.
Egyptian Girl.
Arab Girl. A Potter at his Wheel. Female Dancer.
Bedouin Woman.
Bedouin Children.
Nubian Women.
Vubian Girl.

Nubian Dragoman. Alle-Hanna and his Feet. His Feet and Alle-Hanna. His reet and Ane-Hanna.
Arab Pilots.
Egyptian Woman and Child.
Cairene Funeral Procession.
Egyptian Lady—Veiled.
Egyptian Lady—Unveiled.
Arabian Horse "Dervish" and his Sais. Egyptian Dwarf and Giant. begyptian Dwarf and Grant. Lemonade Merchant. The Prize Beggar—Fore. The Prize Beggar—Aft. Cairo Canines and Smithy. Money Changer. Arab Group. Watchman. Eight Donkeys and Drivers. Sheep Market. Plow and Team. Holy Land. Joppa—General View. "House of Simon, the

Tanner.
Ramleh—Mosque of the Forty Martyrs Maryrs.

Maryrs.

Convent of Mar Saba.

The Pilgrims' Bathing Place.

Ruins of Jericho. Fountain of Elisha. House of Zaccheus. Mount Quarantana. Bethel. Shiloh. Grave of Deborah. Grave of Deborah.
Nablus, Jacob's Well.
Joseph's Tomb.
Mount Ebal.
Mount Gerizim.
Jacob's Tower.
Samaria Ruins,
"Church of St. John. Samaritan Women. Priest. Group of Lepers.

Jenin. Mount Gilboa. Dothan Ain Jalud. Fountain of Jezreel. Shunem. Nain. Zerin Mount Tabor. Endor.

Tiberias. Interior-Jewish Synagogue. Sea of Galilee. Magdala. Gapernaum.
Bethsaida.
Dan, Tel el-Kadi.
Fountain of Dan.
Cæsarea Philippi.
Cæsarea Philippi.—The Castle.
Cæsarea Philippi—Shrines. Mount Hermon.
Druze Plowman and Team.
Druze Shepherd with a Lamb.
Valley of Zahleh. Mount Carmel.

Tyre, General View. Map of Palestine.

#### Jerusalem.

Joppa Gate. Golden Gate. Damascus Gate. St. Stephen's Gate. Zion Herod's Street View.
Kahn, or Inn.
Wood Market.
Tower of Hippicus. Christian Quarter. Jewish Pool of Hezekiah. Protestant Church.
Church of the Holy Sepulchre.
Interior, Church of the Holy
Sepulchre.

Sepulchre.
Sepulchre.
Mosque of Omar, Interior.
The Garden. Judgment Seat of David, The Via Dolorosa. Arch of Ecce Homo. Pool of Bethesda.

Cœnaculem-room of the Last Supper. House of Caiaphas. Jews Wailing Place. Robinson's Arch.

Dome of the Rock—Exterior. Dome of the Rock—Interior. Saracenic Pulpit.
The Temple Area.
Mosque of El-Aksa—Exterior.
Mosque of El-Aksa—Interior. Saracenic Fountain. Gate of the Chain.

Gate of the Chain.
Tombs of the Kings,
Moslem Cemetery,
Mount of Olives,
Garden of Gethsemane.
Grotto of Jeremiah,
Mosque of the Ascension,
Valley of Jehoshaphat.
Hill of Scopus.
Upper Pool of Gihon.
Lepers' Quarters.
Valley of Hinnom,
Hill of Evil Counsel.
Potters Field.
The Kidron Valley,

The Kidron Valley. En Rogel. Siloam. Isaiah's Tree.

Isaian's Tree.
Tomb of Absalom.
'' Zacharias.
'' St. James. Mount Moriah. Chapel of the Virgin, Canova's Agony. Virgins' Well. Calvary. Tomb of David. Panorama of the City. Map of the City. Jerusalem Jew.

Bethany.

Panorama. The Hills. House of Mary and Martha.

Oriental Thrashing Floor.

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Bethlehem.

Tomb of Rachel. The Town from the Church of the Nativity.

Church of the Nativity. The Stairway-descent to the reputed birth-place of Jesus. The Convent. The Fields of the Shepherds' Watch.

#### Balbec.

The Acropolis-General View. The Great Columns.
Temple of Jupiter.
Temple and Mosque.
Keystone Gateway Keystone Gateway
Temple.
Interior of the Temple. of the The Leaning Column.
Entrance Temple of Jupiter. Propylea of the Acropolis. Hexagonial Court of the Acropolis Circular Chamber in the Acropolia. Temple of the Sun. Columns of the Temple. Octagon Temple. Cyclopean Wall Statue of the Sun.
Interior of the old Mosque.
The Circular Temple.

#### Beyrout.

Music Garden. Street view and Wall of Flowers Mrs. Mott's School.

Presbyterian Church.
Dale Memorial Hall—Interior. Native Students. Syrian Protestant College. Panorama.

#### Damascus.

Olive Orchard. Scene of St. Paul's Conversion. Scene of St. Paul's Escape. Scene of St. Pau's Escape.
Christian Quarters.
A view within the city.
A house on the wall, showing how Paul might be let down in a basket.
Ancient City Wall.
East Gate. Street called Straight. Café or Coffee House. Gate of Peace. House of Ananias.
A Weaver's Shop.
A Shop and Bazaar.
The City from a house top.
Grand Mosque.
The Minaret of Jesus. Grand Mosque Gateway.
Interior of the Grand Mosque.
View of old and new city.
Presbyterian Mission School. A native family at home. Interior of a Jewish residence. Interior of Harem of Assad Pasha. Palace Court Assad Pasha. House of Stambouli Pasha—the Court.

House of Stambouli Pasha-the Salon

#### Hehron.

General View. Mosque of Abraham, Wall of Machpelah. Cave
Abraham's Oak.
Rhamet—El-Khalil.
Mosque of El-Hulhûl.
Tower of Beth Zur.
El-Burak, The Castle.
Solomon's Pool—Upper.
Solomon's Pool—Lower.

#### Nazareth.

Interior of the Church of the Annunciation.

Altar of the Annunciation.

Interior of the Chapel of St. Joseph. Street View. The Fountain of the Virgin. Nazarene Girls.

#### Palmyra and Baghdad.

General view of The Grand Colonnade. Entrance to The Grand Colonnade. Interior of The Grand Colonnade. Perspective of The Grand Colonnade. Temple of the Sun. Temple of Dicletian. Ruined Temple. Triumphal Arch.
Tower Tomb of four Stories,
Monolith Columns. Irrigating Wheel. Boats made of Twigs.

#### Baghdad.

Mosque. Tomb of a Mohammedan Saint. Mohammedan Cemetery. City Gate.

#### India.

Beas Bridge, Delhi Railway. Sutlej Bridge, Delhi Railway. Temple at Kurterpoor, Punjaub. Wood Road, Kotree Scind, Abyssinian Trophies. Panorama of Darjeeling. Darjeeling, Himalaya Railway, 2 ft. gauge. Engine, Himalaya Railway. Great Temple of Juggernaut.

#### Cashmere.

Spring Gardens, Atchibul.
Nishat Bag.
Poplar Avenue, Sreenuggur containing 1700 trees and more than one mile long. The Fort from the top of the Great Mosque.
View on the Jhelum.
View on the Apple Tree Canal.
Natural Arch over the Kut-i-kul Canal Old Bridge on the Nallee Mar Canal.

The Shah Humadan Musjeed. Morning on the Jhelum. Evening on the Jhelum. Chunars overhanging the Apple

Tree Canal. Entrance to the Dhul Lake.
Ancient Temple (built B. C.) on
the Tukht-i-Suliman.

Ruins of Martund. State Barge. Glaciers at Panjturni. Glaciers at Sonamurg. Scind River. The Maharajah's Palace, Sreen-

augur:
Ancient Temple at Pandretton
on the Jhelum.
Chunars in Shalimar Gardens.
Marble Pavilion in Shalimar

Gardens.

Gardens.
Zainul's Tomb.
Bridge of Shops, Sreenuggur.
The great Mosque, Sreenuggur.
Interior of the Cave of Ummernath, showing the Bull worshipped by the pilgrims.
Snow Bridge between Panjturni and Ummernath.
Mountain Scene between

Mountain Scene between Sheesha Nag and Panjturni. Bridge at Bijbehara on the Jhe-

lum Group of Cashmere Fakirs. Hurri Purbut, from Nusseeb

Bagh. Old Mosque at Huzritbul. Entrance to Shalimar Gardens. Ancient Bridge at Ganderbul.
Visitors' Bungalow.
Native House and Garden on
the Kut-i-kul Canal.
Rustic Bridge on the Kut-i-kul

Canal

The late Maharajah Golab Singh's Tomb, Sreenuggur. Old Bridge on the Dhul Canal, built by Akbar. Bijbehara on the Jhelum.

Scind Valley.
Coolies crossing a rustic Bridge. Coolies crossing a Bridge of frozen snow.

Native House and Poplars on the Jhelum, Sreenuggur. Group of Cashmere Boatmen and Women. Nallee Mar Canal.

Kut-i-kul Canal Houses on the Kut-i-kul Canal. Entrance to Spring Gardens, Atchibul.

Marble Pavilion in which the Maharajah's dinners are given at Nishat Bag. Cashmere Musicians, with their

instruments. Carved Stone Idol at Bij-behara. City of Sreenuggur, from the Great Mosque.

oreat mosque.

Old Tomb, near that of Zainul
Aboodeen's, Sreenuggur.

Native Grave-yard, Sreenuggur.

Mosque with golden roof, adjoining Maharajah's Palace.

Liddur Valley. Ruins at Avantipur on the Jhe-

lum. Stone Idol and a Cashmeree at Bij-behara.

Lingam at Bij-behara, wor-shipped by the natives. Cargo Boats on the Jhelum. Islamabad. Islamabad.
Native gentleman's House on the Jhelum.
Rope Bridge, Scind Valley.
Camel from Ladock.
Camel from Ladock, without

humps. Cashmere Girls cleaning rice. Cashmere Women cleaning rice. Cashmere Women spinning. 'Two Sons of the Maharajah of

Cashmere. Son of the Maharajah of Cashmere

mere, Hill Man belonging to the Ma-harajah's Army. Snake Charmers with their Snakes, Cashmere. Small Mosque on the Jhelum.
Cashmere Boatwomen.
Congregation of Natives at a Congressive Fair.
Street in Sreenuggur.
Cashmere Men cleaning rice.
Native Cottage, Sreenuggur.
Group of Natives in Scind

Stone Idol at Pandretton.

#### Murree.

View from the Hill. View of Bazaar. The Church. Cashmere Point, with Coolies on the road. View of the Barracks. Walk in the Forest. Natural Arch on the Mall.

#### Lahore.

Runjeet Singh's Tomb. Large Mosque near Tomb. Large Tank, Shalimar Gardens. Shalimar Gardens. Montgomery Hall.

Marble Pavilion in the Fort Gardens. Railway Station. Old Tomb. Entrance to Shadra Gardens. Entrance to Shadra Gardens.
Old Tomb near to that of Runjeet Singh.
Ancient Mosque,
Jehanger's Tomb.
Modern Tomb on the road to Shadra.

#### Umritsur.

Golden Temple and Clock Tower.

Baba-atal Temple and Tank.
View of the City, with the
Golden Temple and large
Tank in the foreground.
View of the City, showing the
Clock Tower and a portion of
the Temple Tank.
Entrance to the Golden Temple, Umritsur.
Native Houses. Tower Native Houses Street in the City.
Temple near the entrance to the Golden Temple. Railway Station.

City view from the top of the Jumma Musjeed.
Delhi Gate of the Fort.
Mosque in Chandi Chouk.
Lahore Gate.
Jumma Musjeed. The ( The Great Mosque Marble arble Mosque, James' Church. near Elephant in Queen's Gardens. Natural Arch in Queen's Gardens Large Arch and Iron Pillar. Arches in ruins, near the Kootub Minar. tub Minar.
Ala-ood-deen's Gateway.
Driving Well at the Kootub
(showing a man on the point
of taking the wonderful leap).
Carved Pillars inside the enclosure near the Kootub Minar Minar.
Kootub Minar.
Base Kootub Minar.
Kootub Minar, showing Balcony and inscriptions.
Ruins of Hindoo Temple, near Kootub ROOUD. Ruins of Hindoo Observatory. Interior Jain Temple. Moti Musjid (Pearl Mosque). Sufter Jung's Tomb. Elephant Creeper in the Queen's Gardens. Cashmere Gate.
The King's Palace.
The King's Palace, Hall of Audience. Interior of King's Palace. St. James' Church, Delhi. Railway Station. Delhi Fort.

Memorial Cross in St. James' Memorial Cross in St. James Churchyard.
Metcalfe House at the Kootub.
Principal Entrance to the Jumma Musjeed.
Fort Wall.
Native Shopkeeper.
Bullocks and Conveyance. Indian Elephant. The Chandi Chouk, principal

street Altomsh's Tomb. Feroze Shah's Pillar. Mosque Dinpanah, Old. Tomb of Nizam-ud-din-Aulaya.

#### Delhi Camp Views.

The 105th Regiment waiting for the enemy.

The 2d Native Goorkhas and The 2d Native Goorkhas and Mountain Battery.
The 32d Punjaub Pioneers.
Camp of the Mountain Battery.
Camp of the 5th Fusiliers.
Group of Men, Camels, &c.
Group of Officers at lunch.
The 20th Punjaub Native Infantry. fantry.
The 72d Highlanders.
Review of Troops.
Group of Sikh Officers. Speciators at the Review.

Tomb of Akbar Secundra.

Façade. 1st story, Tomb of Akbar Secundra. Interior of Entrance Hall leading to Tomb. East Gateway leading to Tomb. West Garden Second Story. Third Story and Cenotaph, Cenotaph. South or sandana.

dens.
Taj Mahal.
Taj Mahal, from Gateway showing Gardens.
Taj Mahal, from River Jumna.
Taj Mahal, from River Jumna.

Minarets.

Gouth Façade. South or Main Gateway to Gar-Marble screen surrounding the Cenotaphs.
Taj Mahal, West Mosque.
and Valley of the

Jumna. Jumna. Moti Musjid (Pearl Mosque). "Interior." Jumna Musjid (Great Mosque). Tomb Itmad-ud-Dowlah. Elephant Gate, Agra Fort. Palace of Akbar. Meettra.

#### Cawnpore.

Suttee Chowra Ghat (scene of Massacre' Exterior view of the Memorial Well. The Statue.

#### Rittoor.

Native Fair. View on the river (Nana Sahib's home).

#### Lucknow.

Bird's-eye View. The Presidency, showing Sir Henry Lawrence's Tomb.
The Bailey Guard Gate.
The outer Gate of the Hoosimabad. The inner Gate of the Hoosimabad. The Emambara.

#### Bombay.

Elephanta Caves. "Carvings."
"Principal Idols. 6.6 " Entrance to Unfinished Cave.. Cathedral School. High Court. High Cours,
University,
Department of Public Works.
University and Esplanade.
University Library,
Clock Tower.

#### Calcutta.

General Post Office. India Museum. Mullick's Ghat, Hooghly River. Howrah Pontoon Bridge, over Hooghly River.

Juggernath Ghat, Hooghly River, Natives bathing. Native Boats, Hooghly River. Interior "Compound" Baboo's Hooghly Home Great reat Banyan Tre Botanical Gardens. Tree, Royal Avenue of Palms, Royal Botanical Gardens. Native Bungalow. Government Buildings General View of Calcutta. High Court and Statue of Sir Cavendish Bentinck. West Gate to do. Town Hall Burmese Pagoda, Eden Gardens. Carved Wall, surrounding Pond. Eden Gardens. Dhurrumtollah Mosque. Palki (palanquin). Old Court House Street. Indian Oil Press. Bullock Cart. Ceylon Palm, Royal Botanical Gardens.

#### Golconda.

Panorama. Royal Palace Tomb of the Kings. Kebi-Meriam. 6.6 Kobule. Goulab Queen Mirzka. The Cemetery Indian Pagoda. Native Characters. Madras Native Soldiers and their Officers. Group of Bankers, Nautch girls and their servants. Group of Mahomedan Ladies.

Group of Mahomedan Ladies.
Priests and their gods.
Group of Court Natives.
Hindoos and Temple, Benares.
King of Siam in state dress.
Formerly a Rajah.
Wife of the ex-Rajah,
Son of the Rajah.
Native Musicians.
Weterman on his Buffalo. Waterman on his Buffalo. A Waterman. Drawing Water Ploughing. A Postman. A Seikh Police. Seikh Soldiers. Washerman or Dobie. with custard Sweet Sellers apple. Grinding Scissors. A Sweeper. A Lady's Maid. Table Servant. Native on Stretcher going to Hospital. Palanquin Bearers who carry Europeans. Fakir or Priest. A Parse of Priest.
A Parse Merchant and Family.
Bombay Merchants.
Bengalee Writers, Calcutta.
A Brahmin Writer.
A Lucknow Prince.

A Cawnpore Banker, Brahmin Caste.

A Bengalee Lady. Nautch Girl dancing. Hindoo Banker in Allahabad. Hindoo Banker, Benares. Hindoo Lady Hindoo Lady, Mahomedan Tailor, Mahomedan Gentleman, Mahomedan Lady, Mahomedan Nautch Girl, Mahomedan Girl smoking her Hookah.

#### China.

Panorama of Tien-Tsin. Tea Garden Shang-Hai. Quay at Canton.
Street in Canton.
Great Wall.
Panorama of Pekin.
Temple of Heaven, Pekin, Panorama of Nankin. Confucian Temple, Nankin. Porcelain Tower, Nankin. Ming Tombs. Cat Sellers. Rice Sellers. Punishment of the Bastinadc. Roadside Inn. Chinese Merchant, Panorama of Hong-Kong. Chinese Pagoda.
Temple of Buddha.
Great Temple at Honan.
Apartment in a Mandarin's House Mandarin paying a visit of ceremony Marriage Procession.

Chinese Cemetery.

Feeding Silk-worms. Itinerant Barber.

Opium Smoker. Kite Flying.

Japan. Japanese Merchant. Woman. Statue of Buddha. Cleaning Rice. Quay and Grand Hotel, Yokohama. Gau-kiro Hotel, Yokohama. Chinese Town, Tokio or Yeddo.

Panorama Street Scene. Bazaar North Fort Tomb of the Russians. The Cemetery. Japanese Temple.

#### Australia.

Panoramic View, Sydney. View of the Larbor, Sydney.

#### Tasmania.

Hobart Town, Panorama. The Sleeping Maiden, Hobart Town. Monument to Sir John Frank-lin, Hobart Town. Interior of Museum, Hobart Town.

The Huon Road up Mt. Wellington.
Fern Tree Bower, Mt. Welling-Cook's Monument at the Bower.

Tasmanian Forest. Fern Grove.

New Zealand.

Port Chalmers, Harbor of Dun-New Plymouth.
A Pioneer's Farm.
Group of Settlers.
Tree Fern. Native Vegetation. Forest Scene. Maori Girls Auckland Harbor. Tauranga Hot Springs. White Island. Group of Maories. "Sugar Loaves," New Plymouth Sea Piece. Parihaka-Maori Capital. Wellington. Auckland from North Shore. Walwera.

#### Chatham Islands.

View of Whangaroa Bay. Wreck of the American Whaler Alabama Maunganui (Big Mountain) Cabin built by the wree Cabin built by the wrecked crew of the Alabama.
Moravian Missionary.
A Squatter and his Family.
House of the Missionary, Maunganui.

Sheep Ranch, with Native Shepherds.
Picturesque View of Whangaroa
Old Bill Tennent and his Maori Wife. Native Maorion. A Rocky Shore. A View toward Mt. Dieffenbach

#### Sandwich Islands.

Panorama of Honolulu. King's Palace, "The Hotel," Tropical Scene,

#### South Africa.

Cape Town.

Panorama. Table Bay. Light-house. The Docks The Lion Head. Devil's Peak. Table Mountain.

#### South Indian Ocean.

Kerguelen Land. Christmas Harbor, Kerguelen. Royal Sound, Kerguelen. Possession Island, Crozet Group East Island, Navigator's Island,

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10.	Paris, Panorama.
11.	" Cathedral Notre Dame
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7.	" Westminster Abbey.
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9.	" Windsor Castle,
10.	Paris, Panorama.
11.	" Cathedral Notre Dame
12.	" Arc de Triomphe.
13.	" Place de la Concorde.
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15. The Rhine, Bingen. 16. "Castle of Rheinstein. Cologne. 18. Copenhagen, Panorama.

19. Stockholm. 20. Berlin, Unter den Linden. 21. Moscow, Ch'rch of St. Basil.

22. Vienna, Panorama.23. Castle of Chillon, L.Geneva. Milan Cathedral. Mian Cathedrai.
Venice, Panorama.
Florence, Panorama.
Leaning Tower of Pisa.
Rome, the Forum.

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48. China, Pekin. 49. Japan, Yeddo. Colossal Statue of Buddha. 50. 51. San Francisco.

Sacramento. 52 53. Yosemite Valley. Salt Lake City. 54.

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#### New Zealand.

13. New Plymouth. A Pioneer's Farm. Group of Settlers. Tree Fern, etc. Native Vegetation. Forest Scene. 14. 15. 16. 17.

Maori Girls.

20. Auckland Harbor. 21. Tauranga. 22. The Hot Springs; ZS; Terrace (A). " (B). " (C). " (D). " (E.) " (F). " (G.) 66 24. 66 64 25. 66 46 66 26. 46 27 64 28. 66 29. 30. Tiki-teri. 31. White Island. Group of Maories. "Sugar Loaves," New Plymouth. Sea Piece. Parihaka—Maori Capital. Wellington. 35. 86. Auckland from North Shore. Walwera. 37. Honolulu, Tropical Scene.

40. Honolulu, the Hotel. 41. "' View from Hotel. 42. "' King's Palace. 43. San Francisco. 44. At Clarke's, California. 45. Grizzly Giant. 46. Wawona—Big Tree.
47. Mist in the Yosemite.
48. From Photographer's Point
49. Mercèd River.

Mirror Lake. North Dome and River Mercèd.

Merced.
Horseshoe Falls, Niagara.
American Fall, Niagara.
Rapids, Niagara.
Rapids, Niagara.
Broadway, New York.
Brooklyn Bridge.
Washington, the Capitol. 54. 55. 56.

58. An Iceberg. 59. Harbor of Liverpool. 60. A Quiet Scotch Valley.

# America: or, The Land we Live In. 61 Views, with Lecture, by Rev. C. R. TREAT.

- 1. San Francisco, Panorama. 2. "Palace Hotel. Seal Rock. 3. Chinese Quarter.
  Joss House, exte'r.
  Joss House, inte'r. 4. 5. 1.6 6. 7. Sacramento, Panorama. 8. State Capitol.
- Yosemite Valley, from In-9. Yosemite Valley, from Inspiration Point.
  10. Yosemite Valley, Yosemite Falls, 2,634 ft. high.
  11. Vernal Falls.
  12. Yosemite Valley, Sentinel Rock, 3,270 ft. high.
  13. Mirror Lake.
- 14. Mariposa Grove
- 15. Ogden, Pacific Railroad. 16. Salt Lake City. 17. Brigham Young's
- House.
  " Mormon Tabern'cle.
  " New " Temple. 18 19
- 20. Denver, Colorado. 21. Omaha.

- 22. Omaha Bridge. 23. Council Bluffs 24. St. Louis, Bridge.
  - 26. "Oldest House. 27. "Levee & Steamboats. 28. Chicago, M. S. R. R. depot. 29. "Clark Street.
  - " La Salle Street. 30. " Pacific Hotel, interior
  - 32. Niagara, General View. 33. View in Winter. Ticonderoga, Ruins of F't. 34.
  - 34. Ticonderoga, Kulus Of F.,
    35. Lake George.
    36. Saratoga, G'nd Union Hotel
    37. "Congress Spring.
    38. Boston, State House.
    39. Boston, Old South Church.
    40. Boston, Faneuil Hall.
    41. Newburg, N. Y., Washington's Headquarters.
    42. Wast Point.

  - West Point.
- 43. Scene of André's capture.

- **\$30.00.** 44. Home of Irving. 45. New York City, Grand
  - Central Depot. 46. Central Park, the Obelisk. 47. Elevated R. R., Chatham
  - Square. 48. City Hall, Panorama.
    49. New York Post-office.
    50. "Broadway
  - " Broadway.
    " Stock Exchange.
    " Brooklyn Bridge.
    " Sound Steamer. 51 52
- 54. Philadelphia, Independence Hall.
  Girard College.
  President's Hall.
- 55. Grand Conege.

  6. Washington, President's
  House exterior.

  7. "Interior East Room.

  7. Washington, Capitol

  7. Mount Vernon, Mansion
- House.
- Washington's Tomb. 61. Portrait of Washington, by Stuart.

# The History of the United States.

#### 61 Views, with Lecture by Rev. C. R. TREAT. \$30.00.

- 1. Landing of Columbus. Landing of Continuous.
   De Soto Discovering the Mississippi.
   Pocahontas Saving Smith's
- Life
- 4. Landing of the Pilgrims.
  5. Peter Stuyvesant at N. Y.
  6. Penn's Treaty with the In-
- dians
- 7. Braddock's Defeat. 8. Death of Wolfe, at Quebec.
- 8. Death of Wolle, at Quebec.
  9. Boston Tea Party.
  10. Struggle on Concord B'dge.
  11. Capture of Ticonderoga.
  12. Battle of Bunker Hill.
  13. Declaration of Independ-
- ence The Old Liberty Bell.
- Washington Crossing the Delaware
- 16. Portrait of Lafayette.
  17. Battle of Bennington.
  18. Surrender of Burgoyne.
  19. Prayer at Valley Forge.
  20. Specimen of Continental
- Money
- 21. Moll Pitcher at Monmouth.

- 22. Putnam's Ride at Horse-
- Naval Combat, Serapis and Bon Homme Richard.
- Capture of André. Lee's Cavalry at Guilford. Surrender of Cornwallis. Washington's Inauguration 26.
- Portrait of Washington.
  Mount Vernon.
  Washington's First Cabinet
- inet.
  31. First Congressional Fracas.
  32. Portrait of Gen. Wayne.
  33. Aaron Burr and Alexander
- Hamilton. Com. Decatur at Tripoli
- Constitution and Guerrière.
- 37.
- Death of Lawrence.
  Battle of New Orleans.
  Fulton's First Steamboat.
  First Locomotive.
  Emigration to the Far 40. West.
- 41. Portrait of Prof. Morse; invention of the Telegraph.

- 42. Portrait of Washington Irving; Rise of American Literature.

  43. Battle of Resaca de la
- Palma.
- 44. Gen. Scott entering Mexico. 45. Bombardment of
- Sumter.

  46. Abraham Lincoln.

  47. Battle of Bull Run.

  48. Attack on Fort Donelson.

  49. Monitor and Merrimac.

  50. Battle of Shiloh.

- 50. Battle of Shiloh.
  51. Capture of New Orleans.
  52. Battle of Antietam.
  53. Siege of Vicksburg.
  54. Battle of Gettysburg.
  55. Battle of the Wilderness.
  56. Battle of the Wilderness.
  57. Naval Combat, Kearsarge and Alahama. and Alabama
- Farragut at Mobile Bay. 59. Sherman's March to the Sea
- 60. Surrender of Lee.61. Liberty Enlightening the World.

# New York City.

#### 50 Views, with Lecture. \$25.00.

Railway 18. Elevated Ocean Steamer

30.

- Ocean Steamer.
  New York, looking South.
  New York, looking North.
  New York, looking East.
  New York, looking West.
  U. S. Barge Office.
  Castle Carden.
- Castle Garden.
  Produce Exchange.
  Mills' Building.
  Wall Street. 94 10.
- 11. Treasury, and Washington Statue. The Stock Exchange.
- 13. Post-office. 14. Broadw'y, from Post-office. 15. City Hall.
- 16. Court House. 17. The Tombs Prison.

- Cooper Institute. New York University.
- Normal College. 21. Broadway, from Stewart's. Fifth Avenue Hotel.
- Fifth Avenue. Fitth Avenue.
  Florence Flats.
  Stewart's Mansion.
  Union League Club.
  Jewish Synagogue.
  St. Patrick's Cathedral.
  Vanderbilt Mansions.
  Columbia College.
  Cantral Park. The Mall
- Central Park, The Mall.

  The Lake.

  The Terrace. 31. 32. 33.
- 34. The Egyptian Obelisk.

- and | 35. High Bridge Aqueduct.
  - 36. 37.
  - Oyster Market. West Street. Dust Barge.
  - 40. Canal Barges.
    41. River Steamer.
    42. River Steamer, interior. 42.
  - 43. Brooklyn Bridge.
    44. Brooklyn Bridge Footway.
    45. Fulton Ferry Boat.
    46. Fulton Ferry House.
  - Brooklyn Court House and City Hall.
    48. Brooklyn, Greenwood Cem-
  - etery.
    49. Morse's Monument.
  - 50. Soldiers' Monument.

# A Day in London.

#### 60 Views, with Lecture. \$30.00

- A London Omnibus. Hyde Park, the Serpentine. The Albert Memorial. "Sculpture. 3.
- 4.
- 6. The Albert Hall. 7. Royal Horticultur'l Garden.
- South Kensington Museum. 8. Exterior of the Museum.
  9. Interior, Trajan's Column.
  10. "East Indian Gateway. 10. The Biga, from Vati-11.
- can. Pulpit by Pisano, A.D. 12. 1260.
- 13. Marble Arch, Hyde Park. 14. Buckingham Palace.
- 15. House of Parliament, from Lambeth.
- House of Lords. House of Commons. Westminster Hall.

- 19. Westminster Abbey, ext'r. 20.
- "The Nave.
  "Henry VIII.'s Tomb.
  "Coronation Chair. 21. 22.
- 23. Lambeth Palace. 24. Thames Embankment. 25. Somerset House. 26. Blackfriar's Bridge.
- 27. Temple Bar. 28. St. Paul's Cathedral.
- 29. 30. The Guildhall. Interior. The Choir.
- 33.
- Royal Exchange.
  Tower of London.
  " The Warders.
  " Horse Armory.
  " The Traitor's Gate.
  " The Crown Jewels. 34. 35 36.
- 37. The Monument, 1666. Lord Mayor's Mansion
- House. 40. Holborn Viaduct.

#### Zoological Garden.

- 41. Brahmin Bull.
- 42. Babylonian Lion. 43. Sea Lion. 44. Rhinoceros.
- 45. African Elephant. 46. Camel.
- 47. Giraffe. 48. Zebra and Colt. Kangaroo. 50. Hippopotamus, Young and Old.
- 51. Indian Elephant. 52. Baby Elephants.
- 53. British Museum, exterior.
- " Egyptian Room.
  " Græco-Roman Room. 54. 55.
- 55. "Græco-Roman Room.
  56. "Mummy Cases, etc.
  57. "Skeleson of Mastodon.
  58. " 'of Megatherium.
  59. Trafalgar Square.
  20. Pacent Street.
- 60. Regent Street.

# The Sights of London.

#### 48 Views, with Lecture. \$24.00.

- 1. Map, one Mile around St. Paul's.
- 2. Map, four Miles around St. Paul's.
- 3. Buckingham Palace.
  4. St. James' Palace.
  5. House of Parliament, ext'r.
  6. " of Lords.
  7. " of Commons.
- 8. Westminster Abbey, ext'r.
  The Nave.
- 10. St. Thomas Hospital.11. Thames Embankment. Lambeth Palace. Blackfriar's Bridge. 12.
- 13. London Bridge
- 15. The Foreign Office.

- 16. The Horse Guards.
  17. The Admiralty.
  18. Trafalgar Square.
  19. The National Gallery.
  20. Charing Cross Hotel.
  21. Somerset House.

- 22. Old Temple Bar. 23. The Temple Church. 24. St. Paul's Cathedral, ext'r.
- Interior.
- 25. 26. General Post-office. 27. The Guildhall. 28. "Interior.
- 29. Lord Mayor's Mansion House.
- The Bank of England. 31. The Royal Exchange.

- 32. The Monument.
  33. The Custom House.
  34. The Tower, exterior.
  35. " The Crown Jewels.
  36. " The Warders.
  37. " The Horse Armory.
- 38. Chelsea Hospital.
  39. Royal Horticultur'l Garden.
  40. Royal Albert Hall.
- 41 Interior.
- Albert Memorial.
  "Sculpture, Europe. 42. 43. Asia. Africa 44 44 45. 64
- 46. 6.6 6.6 America. 47. Marble Arch, Hyde Park. 48. The British Museum.

# Westminster Abbey.

#### 35 Views, with Lecture. \$17.50,

- 1. The Abbey, from the West. 2. from the North. 3. North Transept, and Porch. 4. Henry VII.'s Chapel, from East.
- The Nave. 6. Monument to Hon. Chas. James Fox.
- 7. The Pulpit.
  8. The Choir Screen.
  9. The Choir. looking East.
  10. The Reredos.
  11. The Choir, looking West.
  12. The North Transept.
- 13. North Transept, West Side. 14. "East Side. 15. Wilberforce Monument.
  16. Tomb of Herrories
- 16. Tomb of Henry VII.
  17. Henry VII.'s Chapel, The
  Knights' Stalls.
  18. Tomb of Queen Elizabeth.
  19. Tomb of Mary Queen of
- Scots.

  20. Chapel of St. John.

  21. The Nightingale Mon'ment.

  22. Monument of James Watt, the Inventor.
- 23. Chapel of Edward the Con-
- The Coronation Chair.
- 24. The Coronation Chair.
  25. Tomb of Edward III.
  26. Tomb of Henry III.
  27. Chapel of St. Edmund.
  28. Poets' Corner.
  29. Grave of Charles Dickens.
- 29. Grave of Charles Dickens.
  30. Monument to Shakspeare.
  31. Monument to Milton.
  32. " to Dryden.
  33. " to Major André.
  34. Livingstone's Grave.
  35. The Cloisters.

# The Tower of London.

#### 30 Views, with Lecture. \$15.00.

- 1. The Tower, from Tower Hill
- 2. Ground Plan of the Tower.
  3. The Tower, from the Thames.
- 4. Middle Tower, from West. 1 5. "from East.

- 5.
  6. Byward Tower.
  7. Bell Tower.
  8. Beauchamp Tower, Inscriptions.
- 9. Beauchamp Tower, Inscrip- | 19. St. Peter's Chapel. tions.
- 10. Devereux Tower.

- 10. Devereux Tower.
  11. Bowyer Tower.
  12. Jewel, or Martin's Tower.
  13. The Salt Tower.
  14. St. Thomas' Tower.
  15. The Traitor's Gate.
  16. The Bloody Tower.
  17. The Governor's House. 18. Group of Warders.
- Interior.
- 20. 21. The White Tower. 22. St. John's Chapel. 23. Trophies of Guns.
- 23. Tropines of Guns.
  24. Effigy of Queen Elizabeth.
  25. "of Henry VIII.
  26. Queen Elizabeth's Armory.
  27. The Horse Armory.
  28. The Crown Jewels.
  29. The New Barracks.
- 30. Locking up the Tower.

#### The British Museum, London, 50 Views, with Lecture. \$25.00.

- 1. British Museum, exterior.
- Southern Egyptian Room.
   Northern Egyptian Room.
   Black Granite Statue of
- Pasht.
  5. Head of Rameses II.
  6. Head of Thothmes III.
- Basalt Sarcophagus. 8. First Egyptian Room.
  9. Case of Mummies.
  10. Slade Collection of Glass.
- 11. Kouyunjik Gallery.
  12. Assyrian Bas-Reliefs—Capture of a City.
  13. Assyrian Bas-Reliefs—Lion
- Hunt. 14. Obelisk from Nimroud.
- 15. Winged human - headed Lion.

- 16. Winged human headed | 16. Winged Bull.
  17. Elgin Room.
  18. Hellenic Room, South Side.
  North Side.

- 20. Mausoleum Room. 21. Lycian Room. 22. Græco-Roman Room.

- 22. Greco-Roman Room.
  23. Venus Aphrodite.
  24. Discobolus.
  25. Towneley Venus.
  26. Clytic.
  27. Muse Thalia.
  28. Apotheosis of Homer.
  29. Mithraic Group.
  30. Head of Julius Cæsar.
  31. Roman Gallery, gen'l view.
  32. Southern Zoological Gallery.
- 33. Mammalia Saloon.
  34. Eastern Zoological Gallery.
  35. ' Zoological Gallery.
  36. North'n Zoological Gallery.
  37. ' Zoological Gallery.
  38. ' Zoological Gallery.
- 39. Shark. 40. Geological. Coal Speci
  - mens, etc Fishes, etc.
    Saurians, etc. 6.6 66 Saurians, etc.
- 43. 44. Irish Deer, etc. 45. Megatherium. Mastoden.
- 46. "Masto 47. Italian Majolica. 48. Arctic Collection. 49. Royal Library. 50. Reading Room.

33. Brahmin Bull.

37. Boa Constrictor. 38. Great Kangaroo. 39. The Markhoor.

36. Llama.

42.

# The Zoological Gardens, London.

#### 48 Views, with Lecture. \$24.00.

- 1. Plan of the Gardens.
- American Black Bear. The Syrian Bear. The Polar Bear.
- 5. Dromedary.
- Bactrian. 6. 7. Babylonian Lion.
- African Lioness. The Royal Tiger. 10. Chimpanzee.
- Smoking Monkey.
- 12. Gibbon.
  13. The Marabout Stork.
  14. The Cassabara.
  15. Wild Boar.
- 16. The Wart Hog.

- 17. West African River Hog.18. Collared Peccary.19. Sea Bear.
- 20. Leucoryx.
  21. The Roba, or Sing Sing.
  22. Burchell's Zebra.
- 23. Quagga,24. Wild Ass of Abyssinia.25. Syrian Wild Ass.
- 26. Rhea, or American Ostrich.
- 27. Emeu. 28. Wapiti Deer. 29. Gayal.
- 30. Indian Buffalo.
- 31. Cape Buffalo. 32. Zebu.
- 40. Indian Elephant.41. African Elephant.42. Indian Rhinoceros. 43. Sumatran Rhinoceros. 44. Hippopotamus,
- 45. Giraffe. 46. The Eland, or Camea. 47. The Apteryx. 48. Whit-Monday at the "Zoo."

34. Wolves. 35. White, or Common Pelican.

# Windsor Castle.

#### 30 Views, with Lecture. \$15.00.

- l. Portrait of Queen Victoria. 2. The Castle, from the Home Park.
- 3. Gateway of Henry VIII. 4. The Lower Ward. 5. The Horseshoe Cloisters.
- 5. The Horsesnoe
  6. St. George's Chapel.
  "The Nave.
- 7. 8. Monument to Pro-Charlotte. Princess
- to Duke of Kent. 10. The Choir, St. George's Chapel.
- 11. The Royal Pew, St. George's Chapel. 12. The Round Tower
- 13. Statue of Charles II.
- 13. Statue of Charles II.

  14. South Front of the Castle.

  15. The Victoria Tower.

  16. The East Terrace.

  17. The Castle Guns.

  18. Path in the Home Park.

  19. Frogmore House.

  10. The Onem's Broak-fost
- he Queen's Cottage. Breakfast 20. The
- 21. Mausoleum of the Duchess of Kent.
- 22. Mausoleum of Prince Albert. 23. The Grotto at Frogmore.
- 24. Equestrian Statue George III.
- 25. The Mammoth Grape-vine. 26. Virginia Water-the Cascade.
- the Ruins. 66 28. 29. The Castle, from the Long Walk.
- " from the Meadows. 30.

# Liverbool.

#### 42 Views, with Lecture, \$21.00.

- 1. Liverpool in the 17th Cent'y. Liverpool in the 17th Cent'y.
   St. George's Hall.
   Statues of Prince Albert, the Queen, Wellington's Monument, etc.
   The Free Library and Mu-
- seum
- seum.
  5. The Picton Reading Room.
  6. The Walker Art Gallery.
  7. Church Street and Compton Hotel.
  8. The Sailors' Home.
  9. The Custom House.
  10. The Town Hall.

- 11. The Exchange.
  12. The Tomb of Huskisson.
  13. St. Nicholas' Church and the Watch Tower.
- 14. Approach to the Landing-Stage.

- 15. Birkenhead Boat and Ocean Steamer
- 16. Coasting Steamer at the Landing-Stage. 17. Steam-tugs Waiting for the
- Tide.

  18. View of the Mersey.

  19. The Life-boat at Rest.
- 20. Emigrants Embarking for
- New York.
  21. Group of Emigrants.
  22. Man of War. Embarking
  Troops.
- 23. Dock, and Grain Warehouses.
- 24. Entrance to the Dock. 25. Steamer Waiting to Enter Dock
- 26. Steamship in the Graving Dock.

- The Liverpool College. The Original Everton Taffy
- House.
  29 The Y. M. C. Association.
  30. The Masonic Hall.
- 31. A Grotto in Sefton Park The Rathbone Monument. Birkenhead Landing-Stage
- Steamer in the Birkenhead Docks The One-o'clock Gun.
- Birkenhead Park, entrance.
  "The Lake. 37.
- 37. The Lake.
  38. Bridge over Lake.
  39. Steamships at Anchor.
  40. New Brighton, Pier.
  41. The Sands & Bat'y.
  42. The Rock Lighthouse.

# English Cathedrals.

#### 50 Views, with Lecture. \$25.00.

- 1. Canterbury Cathedral, Ext. Interior. 3. Rochester Cathedral, Ext'r.
- Chichester Cathedral, Spire and Market Cross.
- Winchester Cathedral, Ext. Salisbury Cathedral, Ext'r. Exeter Cathedral, Exterior.
- Interior.
- 10. Truro Cathedral, Exterior.
  11. Bath Cathedral, Exterior.
  12. Wells Cathedral, Exterior.
  13. "Interior.
- Bristol Cathedral, Exterior. 14. Interior.
- 16. Gloucester Cathedral, Ext. Reredos.

- 18. Worcester Cathedral, Ext. Choir. 20. Hereford Cathedral, Ext'r.
- 22. Llandaff Cathedral, Ext'r.
- 24.
- St. David's Cathedral, Ext. St. Asaph's Cathedral, Ext. Chester Cathedral, Ext'r. Bangor Cathedral, Interior. 26.
- Manchester Cathedral, Ext. Choir. Carlisle Cathedral, Exter'r.
- 31. Durham Cathedral. 32. The Galilee.
- 33. Ripon Cathedral, Exterior. Nave.
- 35. York Minster, Exterior.

- 36. York Minster, Doorway, 37. Lincoln Cathedral, Ext'r. Interior.
- 39. Litchfield Cathedral, Ext'r. Choir.
- 41. Peterborough Cathedral. Exterior
- Peterborough Cathedral, Nave
- Norwich Cathedral, Ext'r. Nave.
- 45. Ely Cathedral, Exterior.
- 47. St. Alban's Abbey. 48. Christ Church, Oxford
- 49. St. Paul's Cathedral, Ext'r.

# The Highlands of Scotland.

#### 52 Views, with Lecture. \$26.00.

- 1. Introduction 2. Glasgow Cathedral
- George Square. University. 4. Broomielaw
- Clyde-Henry Bell's Monument.
- Dumbarton Castle. Greenock.
- Rothesay. 9. 10. Inverary Castle.
- 11. Oban.12. Staffa—Fingal's Cave.13. Iona Cathedral.
- 14. Glencoe. Falls of Foyers.
- 16. Invernes Kirkwall Cathedral
- Stacks of Duncansby.
   Dunrobin Castle.

- 20. Elgin Cathedral. 21. Aberdeen, from below Sus-
- pension Bridge. Castle Street. King's College. Old Machar Ca-99
- 46
- thedral. Old Brig o' Bal-
- gownie. Balmoral.
- 27. Lochnagar.28. Dunottar Castle.
- Arbroath Abbey. 30. Perth.
- 31. Dunkeld Cathedral. Hermitage & Bridge. 33. Pass of Killiecrankie.
- 34. Blair Athole. 35. Falls of Moness

- Taymouth Castle.
- Pass of Leny. Callander and Ben Ledi
- 39. Pass of the Trossachs and Ben Venue. 40. Loch Katrine, Silver Str'nd. 41. Inversnaid Falls.
- 42. Loch Lomond, looking up.
  43. looking down.
- 44. Dunblane Cathedral 45. Abbey Craig and Wallace Monument.
- 46. Cambuskenneth Abbey.
  47. Stirling Castle.
  48. Dollar—Castle Campbell.
  49. "The Devil's Mill."
- 59. Loch Leven Castle.
- St. Andrews. 52. Dunfermline Abbey.

# The Lowlands of Scotland.

#### 50 Views, with Lecture. \$25.00.

- 1. Introduction. 2. Edinburgh, from Calton Hill. 3. Edinburgh—Holyrood Pal-
- ace 4. Edinburgh - Scott Monu-
- ment. 5. Edinburgh - Castle from Grassmarket
- 6. Edinburgh-Old Town from Princes Street
- 7. Roslin Glen and Castle.
- 1. Roslin Chapel.
  2. Roslin Chapel.
  3. Roslin Chapel.—Interior—
  Prentice Pillar.
  10. Craigmiller Castle.
  11. Tantallon Castle and Bass
- Rock
- 12. North Berwick Law. 13. Direlton Castle. 14. Norham Castle.

- 15. Twisel Castle
- 16. Jedburgh Abbey. 17. The Capon Tree, Jedburgh. 18. Kelso Abbey.
- 19. Floors Castle.
- Floors Cashe.
   Banksome Tower.
   Dryburgh Abbey—Sir Walter Scott's Tomb.
- 22. Melrose Abbey, from S.W. 93 East Win-
- dow.
- 24. Abbotsford, from River. 25. The Study. 26. St. Ronan's Well.
- 27. Peebles.
- 27. Peebles. 28. Neidpath Castle. 29. Newark Castle. 30. Hogg's Monument and St. Mary's Loch. 31. The "Grey Mare's Tale."

- 32. Beld Craig Linn, Moffat.
- 33. Caerlaverock Castle.
  34. Dundrennan Abbey.
  35. Dumfries Burns' Mauso
  - leum. 36. Lincluden Abbey. 37. On the Nith at Drumlanrig.
  - 38. Ayr—The Twa Brigs,
    39. "Burns' Cottage.
    40. "Burns' Monument.

  - 41. Alloway Kirk. 42. Bonnie Doon.
  - 43. Stair House. 44. Catrine Lee.
  - 45. Ballochmyle House. 46. Bothwell Castle. 47. Falls of Clyde, Bonnington.
  - Cora Linn. Stonebyres. 49 50. Linlithgow Palace.

# Ireland, the North and West. 50 Views, with Lecture. \$25.00.

- The Boyne Viaduct.
   The Ancient Cross, Round Tower, and Ruins of Monasterboice.
- 3. Warren Point
- 4. Rostrevor Quay. 5. Carlingford Lough or Bay.
- 5. Caringford Lough of B.
  6. Armagh.
  7. Donegal Place, Belfast.
  8. High Street, Belfast.
  9. The Queen's College.
  10. Shane's Castle.
  11. Garron Tower.
- 12. The Rope Bridge, Carrick-
- a-Rede. 13. General View of the Giant's
- Canseway.

  14. Lord Antrim's Parlor.

  15. The Honeycomb.

  16. The Wishing Chair.

- 17. The Ladies' Fan. 18. The Causeway Gate. 19. The Giant's Well.
- 19. The Giant's Wen.
  20. Dunluce Castle.
  21. Londonderry.
  22. The Cathedral, Londonderry
- 23. Walker's Monument.
  24. Bishop's Gate, Londonderry
  25. Horn Head, Donegal.
  26. Errigal Mountain, Donegal,
- 27. Ruins on Devenish Island, Lough Erne.
  28. Holy Well of Tubbernaltha.
  29. Glencar Waterfall, near
- Sligo.
  30. Boyle Abbey.
  31. Kylemore Castle.
  32.
  32. Lake.
  33. Ballinahinch and Lake.
  34. The Killeries Bay.

- 35. Dugort, Achill, and Slieve-more Mountains.
  36. Sunset on Achill Sound.
  37. Rosserk Abbey, Co. Mayo.
  38. Cong Abbey, Doorway, Co. Galway.
  39. The First Market, Column
- Galway.
  39. The Fish Market, Galway.
  40. The Cliffs of Moher.
  41. The Spa Well, Lisdoonvarna
  42. The Spectacle Bridge, Co.
- Clare.
- 43. Kilkee.
- Kilkee.
   The Natural Bridge of Ross.
   Killaloe on the Shannon.
   Rapids of the Shannon at Castleconnell.
   Askeaton Abbey.
   George's Street, Limerick.
   King John's Castle.
   The Treaty Stone.

# Ireland, the South.

# 60 Views, with Lecture. \$30.00.

- 1. Introduction Kingstown
- Harbor.

  2. An Irish Jaunting Car.

  3. Sackville Street.

  4. The General Post-office.

  5. The Lower End of Grat on
- Street
- 6. The Bank of Ireland.
- 7. Trinity College. 8. St. Patrick's Cathedral. 9. Interior of St. Patrick's Cathedral
- 10. Christ Church Cathedral. 11. The Four Courts.
  12. The Custom House
- 13. Glasnevin, Prospect
- Cemetery.

  14. The Viceregal Lodge.

  15. Killiney and Vale of Shanganah.
- 16. Bray and Bray Head. 17. The Scalp.
- 18. A Cottage in the Dargle,
  Summer.

  19. A Cottage in the Dargle,
  Winter,

- 20. The Dargle.
- 21. Enniskerry. 22. Powerscourt Waterfall.
- 23. Powerscourt House.
  24. The Vale of Clara.
  25. Valley of Glendalough
  and Ruins of Seven
- Churches. 26. The Vale of Avoca.
- 27. The Lion Arch.
  28. Johnstown Castle.
  29. Bird's-eye View of Kil-
- 29. Bird's-eye View of Kil-kenny City.
  30. Kilkenny Castle.
  31. Jerpoint Abbey.
  32. Lismore Castle.
  33. A Portion of the Ruins on the Rock of Cashel.
  34. Holycross Abbey.
  35. Patrick Street Cork

- 34. Holycross Addey.
  35. Patrick's Street, Cork.
  36. Patrick's Bridge, Cork.
  37. St. Finn-Barre's Cathedral.
  38. Shandon Steeple.
  39. The Mardyke Walk.
  40. Queenstown Harbor.

- 41. Sir Walter Raleigh's House. 42. Blarney Castle.
- 43. Glengariff Harbor, Bantry
- Bay.
  44. Cromwell's Bridge.
  45. Glengariff Waterfall.
  46. A General View of the Lakes of Killarney.
- 47. The Upper Lake.
  48. Eagle's Nest Mountain.
  49. The Old Weir Bridge.
  50. The Middle Lake.
  51. The Colleen Bawn Rock
- and Cave.
- 52. Muckross Abbey.
  53. Interior of Muckross Abbey
  54. Glena Bay.
  55. O'Sullivan's Cascade.
- 56. Brickeen Bridge.57. The Meeting of the Waters, Killarney.
- 58. Ross Castle 59. Derrycunnihy Waterfall and Cottage.
- 60. Gap of Dunloe.

# Paris.

#### 50 Views, with Lecture. \$25.00.

- Northern Railway Station.
   Church of St. Vincent De Paul.
- 3. Trinity Church (Eglise de la Trinite).
  4. Grand Opera House.
  5. Church of the Madeleine.
  6. Interior of the Madeleine.
- 7. Place de la Concorde. 8. The Obelisk of Luxor. 9. Gardens of the Tuileries. 10. Tuileries—Ruins of t Palace
- 11. Column Vendome. 12. Arc de Triomphe du Carrousel.
- 13. Louvre. Pavilion Richelieu. Gallery of Apollo. Salles des Caria-14. 44 15 66 16 tides.
- 17. "Salle des Saisons.
  18. Grand Hotel and Magasins du Louvre.

- 19. Church of St. Germain l'Auxerrois.
  20. Tower of St. Jacques.
  21. Church of St. Eustache.
- 22. Porte St. Denis. 23. Column of July.
- 24. Buttes Chaumont and Parc. 25. Notre Dame.
- Interior. Notre 27. Panorama Dame. Sainte Chapelle.
- Luxembourg Palace. 30. Pantheon. 31. Church of St. Etienne du
- Mont.
- 32. Palace of Corps Legislatif.33. Hotel des Invalides. 34. Dome of the Invalides and
  Tomb of Napoleon.
- Trocadero.
- 36. Arcde Triomphede l'Etoile. 37. Palace d'Industrie.

- Café des Ambassadeurs,
   Palace of Versailles.
   Palace of Versailles—Galerie des Batailles.
   Palace of Versailles—Galerie des Glacces.
   Palace of Versailles—View
   Of Gardens, Lake and
- of Gardens, Lake and
  - Fountains.
- 43. Palace of Versailles—Bed-chamber of Louis XIV.
  44. Palace of Versailles—Inte-rior of the Chapel.
  45. Palace of the Trianon—
- Dairy. Cloud—Ruins of the
- Hats,
  Actional—Ruins or the St. Cloud—Ruins or Chateau,
  Palace or Chateau,
  47. St. Cloud—The Cascade,
  48. "The Bridge,
  49. St. Denis—The Cathedral,
  The Cathedral—
  The Cathedral—The Cat
- Monument to Louis XII. and his Queen.

# Belgium.

#### 50 Views, with Lecture. \$25.00.

- 18. Louvain, Hotel de Ville. Ypres, Hotel de Ville. 2. Courtray, Bridge and Towthe Church of St. 19. Peter. 20. Brussels, the Hotel de Ville. 21. "Cathedral.
- Courtray, Hotel de Ville and Belfry of St. Martin. Tournay, the Belfry. the Cathedral. Colonne du Con-22. gress. Brussels, the Bourse. 66 Cathedral. 6.
- Brussels, the Bourse.
  Waterloo, Lion Mount.
  "Hogoumont, South
  Front of the Farm.
  Waterloo, La Belle Alliance.
  La Haye Saint. Nave. Namur, Interior of Church of St. Loup.
  8. Dinant, General View.
  9. "the Roche a Bayard.
  9. "Appearemme. 25.
  - 28. Oudenarde, Hotel de Ville. 29. Malines Cathedral, Exterior 30. "Interior.
    - Antwerp, Hotel de Ville. Cathedral, Exte-31. 32
  - "Cathedral, Interior.
    "the Church of St.
    Jacques, Interior. 33. Antwerp Cathedral, Nave. 34. Antwerp, Place Verte.
- rior.

- 35. Antwerp, Church of St. Jacques, Nave. ntwerp, Church of St.
- Antwerp, Paul. Antwerp, Calvary.
- the 38. Jesuits. 39. Ghent, Church of St. Nich-
- 40. Ghent Cathedral, Interior.
- 41. " Old Houses. 42.
- 43. Bruges, Hotel de Ville.
  44. Palais de Justice. Council Chamber.
- 45. Bruges, terior.
  46. Bruges, Notre Dame.
  47. ' Quai du Rosaire.
  48. ' the Belfry.
  49. ' Harbor. 45. Bruges, the Cathedral, In-
- 49. Ostend, the Harbor. 50. "the Lighthouse.

# Norway.

## 40 Views, with Lecture.

 Nordfjord, Oldendal, Blynestad Sæter.
 "View\_down Old-Blyendal. Bricksdal Glacier.

"Anseremme.

Huy, the Citadel.
Liege, Grand Marche.
"Palais de Justice.
"Palais de Justice.

Cathedral.

10.

12.

13.

14.

15.

16.

- Children and Kids. 4 .. View up the Loen-5. Vand.
- Icefall, Kjendals-6. bræ. on the Loen-Vand.
- Geiranger Fjord, the Knivslaafosse. Waterfall. 4.6 9 66 6.6 looking up. 10.
- Söndmore, near Fibelstad-Hougen. Fibelstad-Hougen 13. Pass to Oie, and the
- Oienibba. Oie and Norangsdal. on Pass, Orstenvik to Standal. 15.

- 16. Söndmore, Standal and the Hjorendfjord. 17. Molde and Moldefjord, from the Ræknæshaug. from one of the is-18. lands.
- and Moldefjord, from the Varde. 19. 20. Romsdal, Hotel Aak and the Romsdalshorn.
- the Trolltinder. from Top of Mid-23.
- dags-Hougen.
  View on the Rauma.
  near Horgheim.
  the Vermofos. 24. 66 25 Jotunheim, the Semmeltind 26. Gjendebod and
- Svartdalspig. Group at Gjen-28. debod. Gjendehod from 29. Svartdal.

- 30. Jotunheim, Eidsbugaden.
  31. "from the Skinegg, looking W.
  32. Sognefjord, the Vettisfos,
- from Below. the
- near Vetti.
  near Vetti.
  near Vetti. the 34.
- from the Hotel Door, Gudvangen.

  36. Hardangerfjord, Odde and
  Sor Fjord.
- 37. Hardangerfjord, Married Women, in Peasant Cos-
- tume. 98. Hardangerfjord, Unmarried Women, in Peasant Costume.
- 39. Hardangerfjord, Skjæggedalsfos.
- 40. Hardangerfjord, Skjægge dalsfos.

# The River Rhine, from Cologne to Constance.

#### 60 Views, with Lecture. \$30.00.

1.	Colog	ne-Cathed	ral fr. S.E.
2.	06	44	fr. S.
-3.	66	64	fr. St. Mar-
			tin's.
4.	64	'64	fr. N.W.
5.	4.5	66	Interior
6.	6.6	64	The South
			Portal.
7.	6.6	4.6	Central
			Portal.
8.	56	and Bridge	
-			

9. "St. Martin's Church.
10. Bonn, with the Ferry.
11. Drachenfels, with Seven Mountains.

12. Remagen. Apollinaris-

19. Oberlahnstein and Stolzenfels Castle.

kirche.

13. Andernach.
14. Coblenz—from the Rhine.
15. "Ehrenbreitstein,
B'dge of Boats.
16. "Ehrenbreitstein, from
above Thal. 17. 66 Thal and Could 18. Castle of Stolzenfels.

Ems 21. Marksburg Castle. 22. Boppard.
23. St. Goar.
24. "Rheinfels & St. Goar.
25. "Rheinfels Castle. 26. Lurlei Rock. 27. Oberwesel. Schönburg Castle. 29. Caub. 30. Bacharach.

31. Sooneck Castle. 32. Rheinstein Castle. 33. Bingen. 34. Wiesbaden. Greek Church. Bingen.

35. Mayence.
37. "The Cathedral.
38. Worms—The Cathedral.
39. "Luther's Monument.
40. "Luther's Tree.
41. Heidelberg—The Castle f'm

near Molkenkur. View from Geistburg. View from Heiligen44. Heidelberg - The erg — The Castle Frederick's Build'g Castle, Otto The Castle. Ott Henry's Building. 45

Entrance to Otto Henry's Building. from Elizabeth's Ter-46. 47. race.

48. Baden-Baden — View from Prince Solm's Castle. View from Leopolds-49.

höhe.

50. Freiburg—The Cathedral.

51. Strasburg—The Cathedral.

52. "Cathedral. The Central Porch.

53. Bâle—The Upper Bridge.

54. "The Cathedral.

55. "St. Paul's Gate.

55. "St. Paul's Gate.
56. Neuhausen—Rhine Falls.
57. "The Rhine from above the Falls.
58. Schaffhausen — From the High Rock.
59. Constance—Rhine Bridge.

from the Cathedral.

35. Grindelwald—The Eiger. 36. "The Upper Glacier.

Sea of Ice.

#### Switzerland.

# (The Northern Lakes and Bernese Oberland.)

# 50 Views, with Lecture. \$25.00.

	PER GRALL MISO DO I
1.	Basle-Old Bridge, etc.
	" Upper Bridge.
3.	
4.	" West Door.
5.	" St. Paul's Gate.
6.	The Rhine at Neuhasen.
7.	Falls of the Rhine.
8.	Schaffhausen.
9.	Constance—Panorama.
10.	" Rhine Bridge.
11.	Zurich, from Cathedral.
12.	" from the Heights.
13.	Lucerne and the Rigi.
14.	" and Pilatus.
42	66 Mha Clathadual

15. "The Cathedral.
16. "The Lion Monum'nt.
17. View from the Rigi.
18. Lake Lucerne, Tell's Chap'l
19. "The Axenstrasse.

Can also be Furnished, Finely Colored, \$62.50 per Set. 20. Lake Lucerne—Brunen. 21. Lake Sarnen. 21. Lake Samen.
22. Handeck—Swiss Chalet.
23. "Falls of the Aar.
24. Grimsel Lake and Hospice.
25. Rosenlaui — Reichenbach Falls, No. 1.
"Reichenbach Falls, No. 2
"Wetterhorn & Wellhorn 28. Interlaken.

28. Interlaken.
29. "Hotel Beau Rivage.
30. Giessbach Falls.
31. Staubbach Falls.
32. Mürren.
33. Wengern Alp—Little Scheideck Pass.

34. Grindelwald—The Wetter-

38. Spietz—Lake Thun. 39. Kandersteg—Gemmi Pass. 40. Gastein Thal—The Schildhorn horn.
41. The Blümlis Alp.
42. Thun, from the Pavilion.
43. "from the Churchyard.
44. "from the Aar.
45. Fribourg—The Fountain.
46. "Suspension Bridge.
47. "Cathedral. 47. "Cathedrai.
48. Berne, from Rosengarten.

66 50.

49. Lausanne,

50.

The Clock Tower.

# Switzerland.

# (Geneva, Mont Blanc, St. Gothard, etc.)

#### Views, with Lecture. \$25.00.

		Vall	aisu	no L
1.	Genev	a.		
2.	Cham	ounix.		
3.	4.6	Tête N	oire Pa	ss, app.
		to M	ont Bla	nc.
4.	6.6	Salvan	Route.	
5.	6.6	from R	Rochepe	rcée.
6.	6.6	Hotel 1		
7.	Mont	Blanc-	Mer de	Glace
8.	6.6		44	4.6
9.	66		4.6	64
10.	6.6	Glacier	r des B	ossons.
11.	6.6		he Glac	
12.	66	Mer de		
13.	Verna	yaz-T	he Casc	ade.
14.	6.6		ge du T	
and there		1.5		

16. Zermatt. The Riffelhaus. 3 16 The Matterhorn. 19. The Matterhorn, from the Mettelhorn. " from the Gornergeat. 21. The Lyskamm Glacier. 22. Monte Rosa. 23. Brieg and Mont Leone. 24. "and Bel Alp. 25. Pass St. Gothard. 26. 27. Devil's Bridge. 28. Hospenthal. 29. Amsteg. Maderaner Thal. 30. 66 31. Breithorn & Hüfihorn.

Stauberbach Caseade. 33. Amsteg. 34. Viesch Glacier and Finster Aarhora.

Can also be Furnished, Finely Colored, \$62.50 per Set. 35. Aletsch Glacier & Jungfrau. and Lake. 36. and Lake.
37. Lake of the Dead—Furka
Pass.
38. Rhone Glacier, and Hotel.
39. and Crevasse.
40. Grindelwald—Ice Cavern.
41. Gemmi Pass, Oeschinen 41. Gemmi Pass, C 42. "Loche les Bains.
43. "The Ladders.
44. Sion—Rhone Valley.
45. Vevay, on Lake Geneva.
46. Castle of Chillon, " 47. 48. Ouchy,

" Cathedral, etc., "

# Rome: its Modern Glories and Ancient Ruins.

50 Views, with Lecture. \$25.00.

1.	. A tem	пощ	the	FIGHCH
	Aca	demy.		
2.	St. Pe	ter's, fro	om the	Garden
	of t	he Vatio	ean	

3. St. Peter's, from the Exter'r.

4. Façade and Dome of St. Peter's.

5. Interior of St. Peter's.
6. The Vatican.
7. The Chiaramonti Corridor.
8. The Ariadne in the Vatican.

9. Ruins on the Palatine Hill. 10. Temple of Vesta. 11. Temple of Castor and Pol-

lux. 12. San Lorenzo, outside the Walls.

Walls.

13. Temple of Faustina, from the Palatine Hill.

14. Rome, from the Palatine Hill

15. Temple of Saturn.
16. Arch of Constantine.
17. Arch of Titus.

18. Arch of Titus—Bas-relief (7 candlesticks).
19. Arch of Titus—Bas-relief (the chariots).
20. Porta San Maggiore, 21. Porta San Lorenzo.
22. Porta San Paolo.
23. Porta San Giovanni.
24. Porta San Giovanni.

(the chariots).

20. Porta San Maggiore.

21. Porta San Lorenzo.

22. Porta San Eorenzo.

23. Porta San Giovanni.

24. Tomb of Cecilia Metella.

25. Basilica of Constantine and Ruins of the Temple of Peace

Peace.

26. Basilica of Co (near View). 27. The Tiber Island. Constantine

28. The Palazzo Quirinale.
29. The Palazzo Laterano.
30. The Villa Medicis.
31. The Castle of St. Angelo.

32. Fontana Paolina.
33. Fontana di Trevi.
34. The Coliseum.
35. The Interior of the Coliseum

del Popolo.
41. Column of the Immaculate

Conception. 42. The Pincio Gardens.
43. The Fountain of Moses in

the Pincio Gardens. The Pantheon. 45. Interior of the Church of San Paolo.

46. Forum Romanum.
47. Forum of Trajan.
48. Column of Phocas.
49. The Capitol.
50. Basilica of Santa Maria

Maggiore.

Italy and Rome. 61 Views, with Lecture by Rev. C. R. TREAT. \$30.00.

1. Map of Italy. 2. Genoa, Monument, Columbus. Monaco

Milan, Cathedral. Milan, Cathedral, Interior. Lake Maggiore. Lake Lugano.

Lake Lugano.
Lake Como.
Verona.
Venice, Harbor Front.
"Church, St. Mark.
"Ducal Palace. 11. 12 Bridge of Sighs. Rialto. 6.6 13. 6.5 14

14. "Riato.

5. Florence, Panorama.

16. "Palazzo Vecchio.

17. "Gates of Ghiberti,

18. "Cloister St. Mark.

19. "Santa Croce.

20. Sculpture by Luca della Robbia.

21. Florence, Niobe. 22. Boboli Gardens. 22. "Boboli Gardens.
23. Pisa, Baptistery, Cathedral.
24. "Leaning Tower.
25. "Campo Santo.
26. Siena, Cathedral.
27. Terni, Cascade.
28. Rome, Panorama.
29. "Fountain of Trevi.
30. "Forum of Trajan.
31. "Canitol

31. Capitol. 32.

Capitol.
Dying Gladiator.
Forum.
Arch of Titus.
Arch of Constantine 33 34. 35. and Coliseum. " Interior of Coliseum.

" Gladiator's Appeal. "Pantheon.
"Temple of Vesta.
"Bridge and Castle of 38. 30 St. Angelo.

REAT. \$30.00.

41. Rome, St. Peter's.

42. "Interior of St. Peter's.

43. "Vatican.

44. "Torso, Belvidere.

45. "Apollo Belvidere.

46. "Laocdon.

47. "Beatrice Cenci.

48. "St. John Lateran.

49. "Church St. Paul, beyond the Walls.

50. Michael Angelo's Moses.

51. Rome, Appian Way.

52. Tivoli, Gorge of the Sybil.

53. "Vintage Festival.

54. Naples, Bay and Vesuvius.

55. "Farnese Bull.

56. Vesuvius.

55. Farnes Jan.
56. Vesuvius.
57. Pompeii, Gate to the Sea.
58. "Amphitheatre.
59. "Street of the Tombs.
60. "House of the Faun.

Roman Feast.

# Picturesque Italy: Past and Present.

50 Views, with Lecture. \$25.00.

1. Turin, Palazzo Carignano. 2. "Church of Gran Madre di Dio. 3. "Capuchin Monastery. 4. Milan Cathedral.

Orta. 6.

Ofta.
Lake Maggiore, Baveno.
Lake of Como, Varenna.
Venice, St. Mark's Façade.
'' Porphyry Knights by
the Palace of the Doges. Palace of the Doges. 10.

Fountain in Court-yard of the Palace 11. of the Doges.
Bridge of Sighs.
The Grand Canal.
Ponte Rialto Bridge,

13. 14. or Rialto Bridge. Ca d'Oro, or Golden 15.

House.

16. Bologna, Church of S. Giacomo Maggiore.

17. Florence Cathedral and, Campanile. Palazzo Vecchio. Uffizi and Palazzo 20. 6.6 Vecchio. Loggia del Lanzi. 22. Church of Santa Croce and Dante's

Monument. Triumphal Arch at Porta St. Gallo. 23.

24. Arezzo.25. Naples, A general view from

st. Elmo.
the Harbor.
Strada del Molo and
St. Elmo.
Santa Lucia and Castel dell' Ovo.
Piazza del Plebiscito 4.6 Palazzo Reale. Palazzo Reale (the Scala).

32. Naples, San Francesco di Paolo. Villa Nazionale. 5.6

34. "Colonna dei Martiri. 35. Pompeli, General View. 36. "the Forum. 37. "the Basilica.

Temple of Venus. Pantheon, or Tem-39. ple of Augustus. House of the Small Fountain. 40.-House of the Faun. 41.

Amphitheatre.
Street of the Tombs 66 42. 43. 44. Palermo Cathedral.

44. Palermo Cathedral,
45. Pisa, Baptistery, Cathedral,
and Campanile,
46. Pisa, Leaning Tower,
47. Lucca Cathedral,
48. Genoa, View above the
Railway Station,
49. Genoa, Palazzo Ducale,
50. "Statue Columbus.

#### Venice.

#### 40 Views, with Lecture. \$20.00.

- Mark's Tower The Campanile.
- 2. Venice, from St. Mark's Tower. 3. The Clock Tower, Grand
- Piazza.

  4. St. Mark's Cathedral, from the Piazza
- 5. St. Mark's Cathedral, N.W. Corner. 6. The Bronze Horses of St.
- Mark's 7. Interior of St. Mark's Cathe-
- dral. Screen, St 8. The Mark's.
- 9. St. Mark's Cathedral, from the Ducal Palace.

  10. Bronze Wells, Ducal Palace.

  11. Ducal Palace, the Inner
- Façade. 12. Tame Pigeons of St. Mark's
- Giant Stairs, Ducal 13. The

- 14. Ducal Palace, the Canal | 28. The Grand Canal, from the Front.
- 15. The Bridge of Sighs. 16. The Vine Angle of the Ducal Palace.
- 17. The Granite Columns on
- the Piazetta.

  18. The Winged Lion of St.
  Mark's.
- 19. The Riva degli Schiavoni. 20. A Venetian Street, and 20. A Venetian Street, leaning Campanile. 21. St. Zaccaria Church. 22. The Arsenal—Entrance.
- 23. The Public Gardens, Venice. 24. St. Georgio, from the Pia-
- zetta. 25. Venice, from St. Georgio
- Campanile. Venice, from St. 26. Eastern.
- Georgio. 27. The Cavalli Palace, Grand
- Canal.

- Iron Bridge.
  29. Church of S. Maria della
- Salute.
- 30. Quay and Canal, from della Salute Church. 31. Group of Women at a Well. 32. The Foscari Palaces, Grand
- Canal 33. The Ponte Rialto.
- 34. Grand Canal, from Ponte Rialto.
- 35. Grand Canal, south of the Rialto. 36. The Market, from Ponte
- Rialto.

  37. Grand Canal, from the Turkish Palace.
- 38. Church of Gli Scalzi, inte'r.
- 39. A Paved Street, "Calle del Sturion." 40. Via Alla Posta, Street at the Post-office.

# Cities and Places of Interest in the Mediterranean.

#### Views, with Lecture. \$25.00.

- 2. " from Europa Point. 3. " Town and Bay. 4. Barcelona—The Harbor. 19. 6.6 20. 21. 66
- 4. Barcelona—The Harbor.
  5. Marseilles, f'm Notre Dame.
  6. Cathedral. 66
- Fort Napoleon. The Harbor. 66 9. Museum Foun-
- tain.

  10. Cannes, from La Californie. from Mount Cheva-11.
- lier. 12. Mount Chevalier. 66 Cathedral Tower. 13.
- 14. Antibes. 15. Nice, from Villa Franche
- Road. Jardin Anglais. 17. Corsica.

- 18. Nice-The Bay. Promenade. View in the Harbor.
- 22. " Les Quais.
  23. Monaco—Monte Carlo.
  24. " Monte Carlo Gar-
- dens. Monte Carlo Gar-
- dens. 26. Mentone—Old Town. Promenade.
- 28. Genoa. Statue of Christopher Columbus
- 30. Naples, from San Elmo.
  31. "Bay and Vesuvius,
  32. "Marina and San Elmo.
  38. Sorrento, f'm Capodimonte.
  34. Capri—The Marina.

- 35. Capri
- 36. Amalfi, 37. Messina, from the Hill. 38. Malta—Grand Harbor.
- Marsa Muscat. 39. 40. 41.
- Church of St. John. 49. Grand Harbor.
- 43. "Troop-ships.
  44. Algiers—General View.
- 45. with Boulevards. 46 from Marengo Gar-46. dens.
- 47. Palms in Jardin. 48.
- 66 49. Interior of Arabesque House, 50 Gorge of Scheffa.

# Central Africa.

#### 51 Views, with Lecture. \$25.00.

- 1. Introductory Slide. 2. Africa—Map to show the Routes of Modern Ex-
- 3. Portraits of Cameron and other Modern Explorers. 4. African Scenery Victoria
- Falls of the Zam-
- besi River. Bird's-eye View-of 5. 64 the Victoria Falls 6. Views on Lake
- Tanganyika. Views on Lake Tanganyika. The Kebrabasa 7
- 66 8. Rapids. 9. 66 The Screw Palm &
- Climbing Plants. 10. "View in Myolo.
  11. African Fauna—Lions and Buffalo.
- 12. The Hunted Elephant

- 13. African Fauna-The Hippopotamus. A Native Deer-Hunt.
- Zebras, Deer, etc. 15 Antelopes. The Striped Eland. 16.
- 4.5 17.
- 18. "Domestic Cattle.

  19. African People—A Native
  King and Minstrel.

  20. "Mrua Medicine Man. 66
- Interviewing an Idol. Heads of the People. Interviewing a Na-22. Interviewing a
- tive King.

  24. King Kasongo's Levee.

  25. Wedding Dance at Kibaiyeli

  26. Dance at Pigazi at Kiwaka-
- songo 27. King Munza and his Wives. 28. Dance of Zulus.
- 29. Market of Kawle
- Lake Dwelling, Moheya. 31. Niam-Niam Hamlet.

- 32. Bongo Village. 33. Dinka Village.
- 34. Hottentots Hunting, etc., 35. Zulu War Exercises.
  36. Music of the Marimba, etc., 37. Fishing on the Royuma.
- 38. Slavery—The Hunters.
  39. The Captives.
- 40. Crossing the Lovoi. 41. A Lame Day. 42. The Grass-Barrier.
- 43. Crossing Rivers 44. An Unexpect'd Interruption
- 45. A Narrow Escape. 46. The Makata Swamp. 47. Compiling the Journal.
  48. An Old Explorer Discovered
  49. The Despatches in Danger.
- 50. The Bringing Home of Livingstone.
- 51. The Coming Home of Cameron.

Egybt.

an	Views.	with	Lecture	by	Rev. J.	COMPER	GRAY.	\$30.00.
00							Aug 2	~ .1 TTT

-4	Tratmo	oductory.	22.	Nile.	a Cargo Boat.	43.	Thebes, South wan of
1.	Intro	Julio Wo Land			Pyramids of Sakara.		Court of Sheshonk.
2.	Alex	andria-We Land.			Hassan.	44.	" Cartouch of Reho-
3.		" Pompey's Pillar.		реш	Carolin human	11.	boam.
4.		" Cleopatra's Needle.	25.		" Sculptures.	414	
5	Coir	o, Road to the Citadel.		Siout			Esneh.
.0.	66	Lattice Windows.	27.	Nile.	Water Raising.	46.	Edfou.
6.		View from the Citadel.		Abyd		47.	Koum Ombou.
7.		View from the Chadel.		22036	Sculptures.	48	Assouan, Isle of Elephan-
8.	6.6	Tomb of the Mame-	29.	T) 1	Sculptures.	20.	tine.
		lukes.	30.	Dend	era, General View.	40	
9.	6.6	Tomb of the Caliphs.	31.	66	Porch of the Temple.		Philæ, Pharaoh's Bed.
10.	6.6	Mosque of Moham-	32.	Theb	es, Plan of the Ruins.	50.	" Great Propylon and
70.		med Ali.	33.	6.6	Plan of a Temple.		Outer Court.
			34.		Memnonium, East	51.	" Colonnade of Temple
11.	66	Fountain in the	04.			O.	of Isis.
		Mosque.			Gate.	FO	
12.	6.6	Heliopolis.	35.		Colossi.	52.	
13.		Suez Canal.	36.	66	Medinet Abou, from		ract.
		Prince of Wales'			Northwest.	53.	
14.			37.	66	Medinet Abou, Hall	54.	" Biggeh and Nubians.
		Palace.	01.		of Columns.	55.	" View of, looking North
15.	6.6	Pyramids, Crossing					Nubia, Palm and Nubians.
		the Nile.	38.	**	Medinet Abou, Chris-	56.	
16.	6.6	View of Pyramids and			tian Church.	57.	" Arab at Prayer.
10.		Sphinx	39.	66	Luxor.	58.	
40.000	4.6	Section of Pyramid.	40.		Approach to Karnac.		Kalabsee.
17.		Section of Fyramia.	41.	66	Karnac, Central Ave-	59.	4 Ipsamboul, Small
18.		Ascent of the Pyramid.	41.		nuo contrar 2110-	00.	Temple.

Egypt, Old and New.

Columns.

nue. Karnac,

Hall

of 60.

## 50 Views, with Lecture by E. L. WILSON, Esq.

19. Map of Egypt.
20. Nile, the Dahabeah, Exter'r.
21. "the Dahabeha, Inte'r.

				1 Od A Dunne of Monchonta
	11	Moslem Cemetery near the	14. The Great Pyramid of	31. A Brace of Merchants.
	do	Cont Property	Cheops.	32. Assiout, the Camel Market.
		Great Pyramid.		33. A Nubian Girl.
	2	Cairo, Mosque of Moham-	15. Pyramid of Chephren.	oo. A Nublan Girl.
	~.	med Ali.	16. The Sphinx.	34. Arab Driver and Watchman
				35. The Prize Beggar.
	3.	" Tomb of Mariette	17. Beni Hassan.	
	-	Pasha.	18 " Interior of Tomb.	36. "
			19. Karnak, Portal of the Tem-	37. A Funeral Procession.
	<b>4</b> . 5.	" Boulak Museum.		38. The Mahmoudieh Canal.
	5.	" Mummy of King Pino-	ple.	
	٠.	tem, Boulak.	20. " Photographing un-	39. The Nile Sakiyeh.
	0		der Difficulties.	40. An Irrigating Well.
	6.	" Statue of King Pha-		41. Island of Biggeh.
		raoh, Boulak.	Al. Citatia Lini	
	7.	" Osiris, Hathor, and	Columns.	42. Through the Ruins to Philæ
	6 .		22. Arab Water Carriers.	43. A Classic Group of Ruins.
		Isis, Boulak.		44. South Colonnade and Pha-
	8.	" Saloon of the Ancient	23. Thebes, Temple of Hatason	
	0.	Empire, Boulak.	24. " Tourists at Lunch.	raoh's Bed, Philæ.
		11 A - Theretion Donley	25. The Scarabeus, or Sacred	45. Syene, the Unfinished Obe-
	9.	" An Egyptian Banker.		
-	10.	The Site of Ancient Mem-	Beetle.	lisk.
		phis.	26. Temple of Medinet Abou.	46. Nile Pilots.
			27. Thebes, the Southern Co-	47. Korosko.
	11.	Tombs of Tih.		48. A Caravan Village.
	12.	Step Pyramid at Sakkarah.	lossus.	
	40	Group of Pyramids near	28. " the Colossi, rear view.	49. Wady Halfa, near Abou
	TO.		29. Assouan.	Simbel.
		Sakkarah.	29. Assouan.	50. Farewell to the Orient.
			30. The Bazaars of Alexandria.	ou. Farewell to the Orient.

# Modern Egypt and Its People.

#### 50 Views, with Lecture by Rev. F. W. TREMLETT. \$25.00. 35. Bridal Procession, Group. 36. A 12-year-old Bridegroom, from Life. 18. Fanatic Preaching to the

18. Fanatic Preaching to the People.
19. Professional Beggar.
19. Floressional Deggal.
20. Water Carriers, Group.
21. Camels.
22. Camel Drivers, Group.
23. The Fellahin (Peas'ts), Gr'p
24. Wool Spinners, Group.
25. Egyptian Mechanics, Group
26. Egypt'n Woman and Child.
27. Bedouin Sheik.
28. Bedouin Women.

12. Ismailia. 13. Ship in Suez Canal.

14. Suez Entrance of Canal. 15. Cairo, General View. 16. The Market Place. 17. Street Scene, Donkey Boys.

37. Boy, Mother, and Nurse. 38. Khedive's Palace. 39. Old Cairo. 39. On Carro.
40. Pyramids.
41. Lybian Desert and Camels.
42. Nile Scenery.
43. Rock Tombs.
44. Road to the Tombs of the
Kings, Thebes. 28. Bedouin Women.
29. Arab Mission School.
30. Medical Mission.
31. Dervishes, Group.
32. Dervishes Dancing, Group.
33. Arab Café, Group.
34. Arab Shop. 45. Mummies. 46. Irrigation of Land. 47. Arab Villages. 48. Nubians, Group. 49. First Cataract. 50. Diabeah, Nile Boat.

Great

Temple.

Ipsamboul, Temple.

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- Introductory Slide.
- Map of Sinai.
  Mounted Travelers.
  The Waidy Feiran.
- Mount Sinai. The Convent at Sinai. Map of Palestine. 5.
- 6
- Hebron. Plan of the Mosque.
- 8
- 9. Bethlehem. 10. Woman of Bethlehem.
- 11. Women Grinding Corn. 12. Rachel's Tomb,
- 13. Fountain of Jericho.
- 14. Bethany.
- 15. Panorama of Jerusalem. 16. Extemporized Coffee Shop. 17. Jerusalem, from Olivet.
- 18. Map of Jerusalem.
  19. Mt. Olivet and Gethsemane.
  20. Old Olive Tree.

- 21. St. Stephen's Gate.
- 22. Gethsemane.
- 22. Gethsemane.
  23. Virgin's Tomb.
  24. The Golden Gate.
  25. Valley of Jehoshaphat.
  26. Pool of Siloam.
  27. David's Tomb.
  28. Tower of Hippieus.
  29. Pool of Hezekiah.

- 30. Old Street in Jerusalem.
  31. View from a Roof.
  32. Church of Holy Sepulchre.
  33. Plan of Church of Sepul-
- chre.
- 34. Interior of Church of Sepul-

- chre.

  55. Via Dolorosa.

  56. Arch of Ecce Homo.

  57. The Rich Man's House.

  58. Pool of Bethesda.
- 39. Mosque of Omar.

- 40. Jews' Wailing Place.
  41. A Jew of Jerusalem.
  42. Jerusalem, from Scopus.
  43. Jacob's Well.
  44. Town of Shechem.
  45. The Old Pentateuch Roll.
- 46. Samaria.
- 47. Ploughing in Palestine.
  48. Nazareth—South.
  49. "West.
- Table of Christ.
- 49. " We 50. Ta 51. Mount Tabor. 52. Cana.
- 53. Sea of Galilee.
- 54. Cæsarea Philippi.
- 54. Cæsares rimppi.
  55. Mount Hermon.
  56. Cedars of Lebanon.
  57. Damascus—Mosque.
  58. "Naman's House.
  59. "House Interior.
- 60. The Man in Possession.

# Jerusalem.

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- 1. Ancient Grotto in the North Wall.
- 2. The Damascus Gate.
  3. View from the Damascus
- Gate
- 4. The Jaffa Gate
- An Oriental Khan. 6. Leper's Quarter & Hospital.
  7. Upper Pool of Gihon.
  8. Valley of Hinnom.
  9. from the Tombo.
- 9. % from the Tombs. 10. View near Zion's Gate.
- 11. Zion's Gate
- 12. S.E. cor, of the Temple Area 13. Rock Tombs.
- 13. Kock Tomos.
  14. Valley of Kedron.
  15. The Potter's Field.
  16. En Rogel, the Well of Joab.
  17. Isaiah's Tree.
  18. Pool of Siloam.

- Village of Siloam.
   Valley of Jehoshaphat.
   Tombs of Zachariah and St.
- James 22. Tomb of Absalom. 23. Hill of Evil Council.
- 24. The Golden Gate,
- Interior.
- 26. Chapel of the Virgin.
  27. Garden of Gethsemane.
  28. "Chapel of the Agony.
  29. "Old Olive Tree.
  30. "and the City.
- 31. St. Stephen's Gate. 32. Moslem Cemetery.
- 33. Hill of Scopus.
  34. Pool of Bethesda.
  35. Herod's Gate.
- 36. Grotto of Jeremiah.
- 37. Mount Calvary.

- 38. From Calvary to Olivet.
- 38. From Calvary to Calvary.
  39. Jerusalem, from Calvary.
  40. Tombs of the Kings.
  41. "Façade.
- 42. Rolling Stone at a Tomb Door. 43. The Muezzin Call.
- 44. Church of the Ascension,
  Mount of Olives.
  45. Dome of the Ascension.
  46. Valleys of Jehoshaphat and
- Hinnom.
  47. Jerusalem, from Mount of Olives—North.
- 48. Jerusalem, from Mount of Olives—Centre. 49. Jerusalem, from Mount of Olives—South.
- 50. The Mount of Olives.

# From Gibraltar to Delhi. 55 Views, with Lecture. \$27.50.

- Map of Europe.
   Ocean Steamer.
   Gibraltar.
- 4. Malta.
- 5. Castellamare, Brindisi. 6. Acropolis, Athens. 7. Port Said.

- 8. El Kantara
- 9. Sphinx and Great Pyramid.

- 10. Aden. 11. Somala Boys Diving. 12. Map of India.
- 13. Bombay-Mazagon Road.
- 15. Snake Charmers.
- Caves of Elephanta.
- 17.
- 18. Poonah.
- 19. Parbutta, Poonah. 20. Tower of Silence.
- 21. Baroda.

- 22. Baroda—State Elephants.23. Baroda—Elephant Fight.24. Hunting with Cheetahs.
- 25. Colombo.
- 26. Kandy—Old Palace of Sacred Tooth.27. Devil's Dance.
- 28. Elephant Hunting, Ceylon. 29. Madras.
- 30. Tank and Temple, Conjeveram.
- 31. Temple at Bailoor. 32. Great Temple at Bobenes-
- war. 33. Juggernaut. 34. Calcutta — Government
- House. 35. Portrait of Nawab, or Mohammedan Prince
- 36. Reception-Native Princes. 37. Nautch Girl.

- 38. Benares-Ghat.
- Group of Priests. 40. Portrait of Hindoo Rajah.
- 41. Cawnpore—Ghat. Memorial Well. 43. Bithoor - Nana Sahib's
  - Home.
- 44. Lucknow. 45. The Imambara. 46. Taboot. 47. Palace of Akbar. 48. Taj Mahal.
- 43. Taj Manai.
  49. Chandi Chuch Principal
  Street in Delhi.
  50. Delhi.—Gate of the Fort.
  51. Jumma Musjeed.
  52. Kootub Minar.
- 53. Umritzer.
- 54. Marble Pavilion. 55. Runjeet Sing's Tomb.

#### India.

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- 1. Introduction, Map of India.
  2. Glaciers at Panjurni, near Ummernath, Cashmere.
  3. The Cave of Ummernath.
  4. Coolies Crossing a Bridge of Frozen Snow.
  5. View between Sonamurg and Baltal, Cashmere.
  6. Cascades below Sonamurg, Cashmere.
- Cashmere.
- Coolies Crossing a Rustic Bridge, Cashmere. Rope Bridge, Scinde Valley. The Visitors' Bungalows up
- the Juleium, Cashmere.

  10. Ancient Temple, built B.C.

  11. Ancient Temple at Pandret-
- ton.
- 12. Foliage on the Apple Tree
- 22. Foliage on the Apple Tree
  Canal, Cashmere.

  13. Chunar Trees in the Shalimar Gardens, Cashmere.
  14. Marble Pavilion in Shalimar Gardens.
  15. Zainul's Tomb.
  16. The River Jhelum, opposite
  the Maharajah's Palace,
  Spenggger.
- Sreenugger.
  17. Bridge of Shops, Sreenugger, Cashmere.

- 18. The Maharajah's Palace,
- Sreenugger. 19. State Barge on the Apple Tree Canal.
- Tree Canar.
  20. Group of Cashmere Boatmen and Women.
  21. Group of Cashmere Musicians, etc.
  22. Ruins of Marttand, General
- View.
  23. Lahore Railway Station.
  24. Large Mosque, near Runjeet Sing's Tomb, Lahore
  25. Marble Pavilion in the Fort
- Gardens, Lahore. 26. Runjeet Sing's Tomb, La-
- hore.
  27. Jehangir's Tomb, Shadra
  Gardens, Lahore.
  28. Tank and Pavilion in Shali-
- mar Gardens, Lahore. Umritsur, showing portion of Tank.
- or Tank.
  30. Entrance to the Golden Temple, Umritsur.
  31. Golden Temple.
  32. The Barracks, Murree,
  33. View of the Bazaar from the Barracks, Murree.
- 34. Temple at Kurterpoor.

- 35. Fakir.
  36. Sutlej Bridge, Delhi.
  37. The City of Delhi from Jumna Musjied.
  38. The Chandni Chowk, Principal Street in Delhi.
  39. Delhi Gate of the Fort.
  40. The King's Palace, Delhi.
  41. The Jumna Musjied, on Great Mosque, Delhi.
  42. The Cashmere Gate, Delhi.
  43. The Cashmere Gate, Delhi.

- 42. The Cashmere Gate, Delhi.
  43. Inside of Gate.
  44. Sufter Jung's Tomb.
  45. The Kootub Minar.
  46. Altomsh's Tomb, Kootub.
  47. Large Arch and Iron Pillar, near the Kootub Minar.
  48. Diving Well at the Kootub.
  49. Agra, the Palace of Akbar Khan.

- Agra, the Palace of Akbar Khan.
   The Taj Mahal, near Agra.
   Tomb of Prince Etmad Dowlah, Agra.
   Cawnpore, Distant View of the Memorial Well.
   Cawnpore, Sutte Chowra Ghat, Scene of Massacre.
   Bithoot, View on the River Ganges, Nana Sahib's Home. Home.

#### The Temples of India. Views, with Lecture. \$25.50. 51

- Brama, Vishnu, Siva.
   The Tomb of Hyder Ali Khan and Tippoo Sultan. Ali
- The Musjeed connec'd with
- Tippoo Sultan's Tomb.

  4. The Fort of Seringapatan,
  Showi'g the Great Caval'r

  5. The Deria Dowlut, or Garden House of Tippoo Sul-tan. The Duke of Wellington resided here after the taking of Seringapa-
- tam 6. The Wellesley Bridge.
  7. The Gateway in the Fort in which Tippoo Sultan was killed.
- The Jumma Musjeed, built by Tippoo Sultan in the Fort.
- Fort.

  9. The Mughbarrah at Colar.

  10. Mahommedan Bur'l Ground

  11. Hindoo Temple at Colar.

  12. Part of the Inner Temple.

  13. Temple at Devanghirri.

  14. Golden Shrine.

- View of the Town of Mysore Old Palace of the Mysore Rajah.

Dancing.

Royal Game.

Measuring the Tiger.

- 17. Temple near the Foot of Nundydroog. 18. Temple to the Right of
- Nundydroog. Temple to the Left of Nun-
- 22.
- 24. 25.
- Temple to the Left of Nun-dydroog.
  Temple at Devoydroog.
  Temple at Mudghirri.
  Hill Fort at Mudghirri.
  A Gigantic Mango Tree.
  Group, taken at Hassan.
  Temple at Hallibeeb.
  View of the Muntapum.
  The Great Bull at Hallibeeb,
- A part of the South Side of the Temple.
- The Jain, or Buddhist Temple, at Hallibeeb.
  View of the East Side of Bailloor Temple.
  Nearer View of the Temple.
- Old Gateway at the Bailloor
- Temple.
  33. Seerah, Tomb of Mullick
  Rhyman.
- The usual small Mosque at-
- tached to these Tombs. Views of Tombs in the Burial Ground at Secrah.

- 36. The Jumna Musjeed at Seerah.
- 37. A View in the Fort at Chittledroog. View in the Fort of Chittle-
- droog.
  39. Temple at Hurryhur.
  40. The Ulsoor Pagoda at Bangalore.
- 41. The Gunga Chooka Fall. 42. Part of the Burr Chooka Fall.
- 43. The Great Temple of Jug-
- gernauth.

  44. The Great Temple at Bobeneswar, called Ling Raj.

  45. Entrance Pagoda to the Temple at Little Con-
- jeveram.

  46. Tank in the Courtyard of the last Temple.

  47. Mumtapum of the same
- Temple.
  48. Entrance Temple at Great
- 48. Entrance Temple at Great Conjeveram. 49. Tank in the Court of the last Temple. 50. A Ta-boot, or Tazeer. 51. Residence of a High Offic'l.

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- 1. Introductory.

  Innter Mounting His Elephant.
  - The Camp Fire, Thibetans Beating the Jungle.
    The First Leopard.
    Seven Hundred Elephants
    Crossing the Sarda.
    Shooting a Bear.
- 10. Padding a Tiger.
  11. The Day's Sport.
  12. A Hunter at Close Quarters
  13. A Hunter in Danger.
  14. Crossing a Nullah.
  15. Elephant Hunting.
  16. Charge of a Rogue Eleph't.
  17. Tiffin Interrupted.
  18. Shipping the Menagerie.
  19. Getting Ostriches on Board.
  20. On Board Ship. Exercising
  - 20. On Board Ship, Exercising the Animals.
- 21. "Jung Perchad," Indian Elephant.
  22. "Suffa Kully," Ind'n Elep't.
  23. "Rustum" and "Omar,"
  Young Indian Elephants.
  24. "Serapis," small Zebu.
  25. Cashmere Goat.
  26. Cheetah.
- 26. Cheetah. 27. Fat-tailed Sheep.
- 28. Indian Wild Dog. 29. Tailless Dogs. 30. Maltese Dogs.

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   Great Wall of China.
   Western Gate, Pekin.
   The Temple of Heaven.
   Theatre at Tien Tsin. 6. Playing at Shuttlecock with the Feet.
- 7. Raree Show.
- 8. Chingkiang—General View. 9. The Bund, Chinkiang.

- 9. The Bund, Chinknang,
  10. Silver Island.
  11. City of Nankin.
  12. Confucian Temple, Nankin.
  13. The Porcelain Tower.
  14. Avenue of Stone Warriors.
  15. Ming Tombs.
  16. A Chinese Soldier.
  17. Mandarin and Family.
  18. A Mandarin in Official
- Robes. 19. Mandarin's Wife and Attendant.

- 20. Dinner at a Mandarin's. 21. Cat Sellers in Canton at Their Work.
- 22. Rice Sellers
- 23. Frog Catchers. 24. A Tautai.
- 25. Punishment of the Bastinado.

- nado.
  26. Little Orphan Island.
  27. Gun-boat Station.
  28. Pagoda, Kieu-kiang.
  29. I Chang Foo.
  30. Hankow—The Bund.
  31. Pagoda at Hankow. 32. Consulting the Sticks of
  - Fate.
- 88. The Sorting of the Cocoons.
  84. Dyeing and Winding Silk.
  85. Landing Place—Tea Dist.
  86. Roadside Temple.
  87. Roadside Inn.
- 38. Hamlet in the Tea District.

- 39. Tile Work.
  40. Yang-low-Doong,
  41. Curling the Leaf.
  42. Picking the Tea.
  43. Winnowing the Tea.
  44. Sifting the Tea.
- 45. Packing the Tea.
- 49. Packing the Tea.
  46. Papering the Brick Tea.
  47. Packing Brick Tea.
  48. Entrance to City of Amoy.
  49. A Chinese Merchant.
  50. A Comprodore.
  51. A Bookseller.
- 51. A Bookseller. 52. An Itinerant Barber.
- 53. Porter with Flowers. 54. A Watchman,
- 54. A Watchman.
  55. A Street in Canton.
  56. Cantonese Married Women.
  57. A Marriage Procession.
  58. Opium Smoking.
  59. Hong Kong.
  60. Concluding Slide.

#### Japan: or, The Land of the Rising Sun. 73 Views, with Lecture. \$36.50. 27. Two Samurai of a Daimio.

- 1. Map of Japan.
  2. Emperor of Japan.
  2. Emperor of Japan.
  3. The Empress of Japan.
  4. Japanese Advertisement.
  5. The Ten Commandments,
  the Lord's Prayer, and the
  Creed, in Japanese.
  6. View of Yokohama.
  7. Master Giving Orders to his
  Seyvant
- Servant.
- 8. Japanese Girl.
  9. Group of Seven Girls.
  10. Meal Time.
  11. Interior of Sleeping Room.
  12. Group of Women and Children.

- dren.

  3. A Carpenter and his Tools.

  14. A Jin-riki-sha (vehicle).

  15. The Same, in Wet Weather.

  16. Betho, or Groom, tattooed.

  17. Farm-house, showing the processes of sifting, threshing, etc., Rice.

  18. Hand-cart and Coolies.

  19. Wayside Tea-House.

  20. Ferry and Ferry Boat.

  21. Great Bronze Idol of Amida

  22. Group of Aborigines.

- Group of Aborigines.
   Gateway at Shiba, Tokio.
   Entrance to a Temple.
   Asakwa Temple Grounds.
   Müköshima, Tokio.

- 21. Two samuras of a Dasmo.
  28. One of the same, with Service
  29. Ancient Style of Armed
  Horse and Warriors.
  30. { Foreign Settlem't at Kobé
  31. } (Hiogo), from the Sea.
  32. Foreign "Bund," Kobé.
  32. Town and Harber of Kobé.
  - 33. Town and Harbor of Kobé.
    34. Effects of a Typhoon.
    35. Same, on the Native Town
    and Junks.
  - 36. Images of Shaka and Apos-
  - tles.
  - tles.
    37. Group of Coolies,
    38. Entrance to Shrine at Kobé,
    39. Waterfall near Kobé,
    40. Railway Tunnel between
    Kobé and Osaka,
    41. New Light Iron Bridge at

  - 41. New Inght Hotel Prage of Osaka.
    42. Temple (Buddhist), Osaka.
    43. Imperial Mint, Osaka.
    44. Peculiar Native Bridge.
    45. Daimio Entering his Con-
  - veyance. 46. Actor and Actres
  - 47. Iron Railway Bridge 48. Hill of Maru-yama, Kiyoto. 49. Great Bronze Bell at Dai-
  - butsů. lew from Gateway of 50. View
    - Temple, Kiydto.

- 51. Entrance Giyon to the Yashiki.
- 52. Shinto Temple Grounds. 53. Priests Carrying Sacred Emblem.
- 54. Entrance to the Buddhist
  Temple, Kiyòto.
  55. Chiyonin Temple, Kiyòto,
  56. Two Buddhist Priests,
  57. One of Another Sect.

- 57. One of Another Sect.
  58. Group of Beggars Praying.
  59. Cemetery, Kiyòto.
  60. Kinkaküji Temple, Kiyòto.
  61. Imperial Palace and Gardens, Kiyòto.
  62. Kugê, or Court Noble.
  63. Another, of adifferent grade.
  64. Bullock Cart of Kiyòto
  64. Group of Music Girls.
- 65. Group of Music Girls. 66. Collection of Musical In-
- struments.
  osturing and Dancing 67. Posturing
- Girls.
  68 & 69. The Town of Otsu,
- near Kiyoto. 70. Shrine on *Ishi-yama*, near Otsŭ.
- 71. City and Harborof Nagasaki 72. Entrance to Nagasaki Har-
- 73. Kago, the usual Conveyance in Hilly Districts.

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'In Search of Relics of Sir John Franklin.)

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- 1. Introduction.
- 2. Map.
  3. Adapting Party to Eskimo
  -i.e.
  4. Astonishing the Natives.
  5. The Halt at Noon.
  6. Down Hill.
  7. Hay's River—Big Bend.
  8. A Reindeer Hunt.

- 9. Catching Salmon at Salmon
- Creek,

  10. The Midnight Sun,

  11. The Breaking up of the Ice,

  12. A Summer View in the
- Arctic Regions.

  13. A Summer View William's Land.
- 14. Finding the Grave of Lieutenant Irving.
- 15. Monument Erected over Irving's Grave.
  16. View of Reindeer Camp.
  17. Monument at Starvation
- Cove. 18. Crossing Simpson's Strait.
  19. Funeral of Lieutenant Irving's Remains.
- 20. Sir John Franklin's Monument.

#### Old Testament.

24 Views, with Lecture. \$12.00.

#### \*\*\* This Set can also be furnished in style of Finely-Colored Photographs. \$36.00 per Set.

- Adam and Eve in Paradise. Noah's Sacrifice.
- Rebecca at the Well
- Eleazar at House of Bathael
- Arrival of Rebecca.
- Jacob's Dream. Jacob Waters the Flock of Rachel
- 8. Joseph Sold by his Brothers 9. Joseph's Coat Brought to
- Jacob.
- 10. Joseph Meets his Father. 11. The Finding of Moses,
- 12. Moses Assisting the Daugh-

- Moses Assisting the Daughters of Jethro.
   Pharaoh's Host Drowned.
   Jephtha's Daughter Meeting her Father.
   Samson Betrayed by De-

of Goliath.

- lilah. 16. David Returns Conqueror
- 17. David in Saul's Camp. 18. Saul and the Witch of Endor
- 10. Salt and the witch of Bolomon.
  20. Solomon's Reception of the Queen of Sheba.
  21. Espousal of Esther by Ahasuerus.
- 22. Esther Implores Ahasuerus. 23. The Feast of Belshazzar. 24. Daniel in the Lion's Den.

#### New Testament.

48 Views, with Lecture. \$24.00.

#### \*\* This Set can also be furnished in style of Finely-Colored Photographs. \$72.00 per Set.

- The Annunciation.
- 2. The Angel Appearing to the Shepherds.
- Bibe of Bethlehem.
  Magi Guided by the Star.
  Adoration of the Magi.
- Presentation in the Temple.
- The Flight into Egypt.
  The Shadow of the Cross.
  The Return to Nazareth.
- 10. Christ Disputing with the
- Doctors.

  11. St. John Preaching in the Wilderness.
- The Baptism of Christ. Christ Tempted by the 13. Christ
- Devil. 14. Christ and the Woman of
- Samaria.
  15. Christ Preaching by the Sea of Galilee.

- 16. The Sermon on the Mount.17. Christ Healing the Sick.18. Raising the Daughter of
- Jairus.
- Christ Walk'g on the Water. The Miracle of the Loaves
- and Fisnes.
  The Transfiguration.
  Son, "The Caand Fishes. 22. Prodigal Son,
- rousal. the Swine Herd. 44 the Return, 24.
- 25. Christ Blessing Children. 26. Mary Magdalene Washing the Feet of Jesus.
- Christ and the Rich Young Man.
- 28. The Parable of the Lilies.
  29. ChristOutcast of the People
- 30. Christ's Entry into Jerusalem.

- The Poor Widow's Mites. The Good Shepherd.
- Christ Weeping over Jerusalem.
- The Last Supper.

- The Agony in the Garden. Christ Rejected. Christ Bearing the Cross. Christ Arriving at Calvary. The Crucifixion. Golgotha, "It is Finished." The Descent from the
- Cross
- The Body of Christ Laid in
- the Tomb. First Easter Dawn.

- 43. First Easter Dawn.
  44. The Resurrection of Christ.
  45. The Marys at the Tomb.
  46. Easter Morning.
  47. The Journey to Emmaus.
  48. The Ascension of Christ.

# Bunyan's Pilgrim's Progress.

#### 43 Views, with Lecture. \$21.50.

- 1. Portrait of Bunyan. Bunyan Alarmed for the Salvation of his Soul.
   Bunyan Listens to Three
- Women.
- 4. Bunyan Parting with his Wife and Children. 5. Bunyan's Tomb.
- \*6. Christian Read'g his Book.
  \*7. \*6 and Evangelist.
  \*8. \*6 Pliable and Ob-
- stinate.
- Helped out of the Slough. \*9.
- \*10. Worldly Wiseman. \*11. Christian Under Sinai.
- Knocking at the Gate
- \*13. Goodwill Shows Christian the Way. \*14. Passion and Patience, 15. The Fire Burning. 16. The Man with the Stout Countenance,

- 17. The Man in the Cage. \*18. Christian's Burden Falls
- off. \*19. The Three Shining Ones.
- \*20. Christian in the Arbor.
  \*21. "at the Door of Palace Beautiful.
- \*22. "Armed.
  \*28. "Defeats Apollyon.
  \*24. "Returns Thanks.
  \*25. The Valley of the Shadow
- of Death
- 26. Faithful Lifts Christian.
- Vanity Fair. Death of Faithful. \*29. Christian and Hopeful enter into a Brotherly Cove-
- nant \*30. Lady Feigning's Daughter
  31. Christian Replies to Byends and Friends.
  \*32. The Pilgrims Rest by the
- River of the Water of Life.

- \*33. Christian and Hopeful at the Stile of Bypath the Stil Meadow.
- 34, Christian and Hopeful found Asleep by Giant Despair. 35. The Giant Beats his Pris-
- oners
- \*36. Christian and Hopeful Escape from the Dungeon. \*37. Christian and Hopeful on
- the Delectable Mount'ns.
- 38. Victims of Giant Despair
  Among the Tombs.
  39. Little Faith Robbed.
- 39. Little Fatth Robbed.
  40. The Pilgrims in View of the Celestial City.
  \*41. The Pilgrims Cross the River of Death.
  42. The Pilgrims Ascend the Hill under Escort.
  43. Ignorance Thrust into
- 43. Ignorance Hell,

<sup>\*</sup> Those marked thus are Photographed from Life.

# The Solar System. 50 Views, with Lecture. \$25.00.

- 1. Introduction. 2. Relative Sizes and Planets. Sizes of the Sun
- 3. Apparent Size of the Sun as visible from the Planets. 4. Telescopic View of Solar
- Disc.
- Disc.
  5. Typical Sun Spot.
  6. Zones of Sun Spots.
  7. Comparative Sizes of the Principal Planets.
  8. Phases of an Inferior Planet
  9. Comparative Sizes of Venus
- and Earth. 10. Telescopic Appearances of Venus.
  11. Constant Inclination of the
- Earth's Axis to Ecliptic.
- 12. The Seasons.
- 13. Curvature of the Earth's Surface.
- 14. Full Moon.

- 16. Lunar Eclipses Solar Eclipses, 1836 to 1860.
- 17. Solar Ecipses, load to Icoo.
  18. Total Solar Eclipse.
  19. Views of Solar Prominences
  20. Moon at First Quarter.
  21. Moon at Third Quarter.
- 21. Moon at Third Quarter.
  22. Triesnecker.
  23. Ideal Lunar Landscape.
  24. Views of Mars.
  25. Comparative\_Sizes of Ju-
- piter and Earth.

  26. Comparative Sizes of Saturn and Earth.

  27. Views of Saturn.

- 28.
  29. Orbits of Uranian Satellites.
  30. Diagram Explaining Discovery of Neptune.
  31. A Shooting Star.
  32. A Meteoric Shower.
  33. Ring of Meteoric Bodies
  Round the Sun.

- 34. Great Comet of 1811. 35. Hallev's Comet.

- 36. Donati's Comet.
  37. Coggia's Comet.
  38. The Celestial Sphere and Diurnal Motion.
  39. The Northern Circumpolar
- 99. The Normers Caracage
  Stars.
  40. Ursa Major and Ursa Minor.
  41. Part of the Constellation
  "Gemini," as seen with
  the Naked Eye.
  42. Part of the Constellation
  "Gemini," as seen with
- " Milky
- Telescope.
  ne Northern
  Way." 43. The 44. Herschell's Theory of the
- Universe.
- 45. Multiple System of Stars. 46. Star Clusters.
- 47. Annular Nebulæ.
  48. Nebula in Cannes Venatici.
  49. The Great Nebula in Orion.
  50. Central Part of the Orion Nebula.

# Microscopic Revelations: or, A Peep into Nature through the Microscope. 54 Views, with Lecture. \$27.00.

- 1. Human Flea.

- 1. Human Flea.
  2. Human Male Flea.
  3. Flea of Dog.
  4. Flea of Sand Martin.
  5. Flea of Mole.
  6. Proboscis of Blow Fly.
  7. Proboscis of Blow Fly—
  Minute Structure.
- 8. Eye of Fly.
  9. Foot of Fly.
  10. Spiracle of Fly.
- 11. Silkworm.
- 12. Structure of Air Tubes. 13. Spiracle of Larva of Cock-

- chafer.

  14. Wing of Butterfly.
  15. "Scales of Blue Butterfly.
  16. Antenne of Vaporer Moth.
  17. Tongue of Honey Bee.
  18. Hind Wings of Bee, Hooklets.

- 19. Sting of Hornet. 20. Saws of Saw Fly
- 20. Saws of Saw Fly. 21. Tongue of Cricket. 22. Gizzard of Cricket. 23. Chirping File and Drum of Cricket.
- 24. Sheep Tick. 25. Human Bug 26. Parasite on Pig.
- 27. Aphis.
- 28. Aphis.—Male. 29. Spider. 30. Mouth of Spider. 31. Spinneret of Spider. 32. Foot of Spider.
- 83. Calaminstrum on Leg or Spider.
- 34. Red Earth Mite.
- 35. Cheese Mites. 36. Parasite on Beetle. 37. Tape Worm of Cat.

- 38. Palate of Garden Snail
- 39. Palate of Haliotis Polar-
- 39. Palate of Hanotis—Polarized.
  40. Section of Stem of Exogen.
  41. Brazilian Wood Annual
  Rings of Growth.
  42. Plane Tree—Medullary Rays
  43. Plane Tree—Vertical Sec-
- tion across the Rays
- 44. Section of Stem of Endogen
- 45. Cuticle of Leaf—Stomata. 46. Sea Weed—Polysiphonia. 47. Volvex Globator. 48. Recent Diatoms.

- 49. Fossil Diatoms. 50. Foraminifera.
- 51. Chalk.52. Deep Sea Soundings.53. Stem of Plant in Coal.54. Oolitic Limestone.

#### Microscopic Gems from the Three Kingdoms of Nature. 50 Views, with Lecture. \$25.00.

- 1. Trichinæ in HumaniMuscles
  2. " in Tongue of Rabbit.
  3. Human Liver—Healthy.
  4. " Drunkard's.
- 5. "Tooth—Section. 6. Tooth of Sawfish—Trans-
- verse Section.
  7. Human Bone—Trans. Sec.
  8. Bone of Mammal—Tapir.
  9. "Bird—Albatross.
  10. Reptile—Alligator,
  11. Horn of Bison.
- Rhinoceros-Trans-12. verse Section.
- Rhinoceros Long Section. 18. 14. Whalebone of the Bottle-nosed Whale,
- " of the South Sea Whale 16. Hair of Rat.
- 17. Quill of Porcupine—Transverse Section.
  18. Feather of Goldfinch,

- Plant.
- Plant.
  20. Starch Grain—Polarized.
  21. Raphides of the White Lily.
  22. Sphæ-raphides of the Prickly Pear.
  23. Ivory Nut—Section.
  24. Stellate Cells of the Rush.
  25. Spiral Fibre of the Collomia
  Seed.

- Seed.

  26. Woody Fibre of Pine Wood.

  27. Stem of the Pepper Plant—
  Transverse Section.

  28. "of the Bamboo—Transverse Section.

  29. "of the Sarsaparilla—
  Transverse Section.
- Transverse Section. 31. Fructification of a Fern-
- Maiden's Hair.
  32. Scales of a Fern.
  33. Stellate Hairs and Scales of Sallow Thorn.

- 19. Cell Structure-Rice Paper | 84. Leaf of Sundew-Insectivorous Plant
  - 35. Cuticle of the Dutch Rush. 36. Ovary of the Tiger Lily. 37. Diatom—Heliopelta.

  - 38. "Triceratium.
    39. "Pinnularia.
    40. Cinchona Bark—Trans. Sec. 41. Bisulphate of Quinine-Po-
  - larized. 42. Quinate of Quinine-Polarized
  - 43. Chloride of Morphia-Po-
  - 43. Chloride of Morphia—Polarized,
    44. Salicine—Polarized,
    45. Epsom Salts—Oblique Light
    46. Platino-Cyanide of Magnesium—Polarized,
    47. "of Potassium.
    48. Pitchstone—Section,
    49. Granite—Section,
    50. Calcedon.
  - - 50. Calcedony.

# Marley's Ghost: A Christmas Carol.

#### By CHARLES DICKENS (from Life Models).

#### 25 Views, with Lecture. \$12.50.

- Scrooge's Office.

  Of Scrooge's 2. Doorway House
- 8. Effect. Marley's Face.
  4. Scrooge's Sitting-room.
  5. Effect. Marley's Ghost.
  6. Scrooge's Bedroom.

- Effect. Christmas The School-room. Christmas Past.

- Effect. Ali Baba.
   Effect. Robinson Crusoe.
   Fezziwic's Ball.
   Scrooge's First Love.
   Husb'd, Wife, and Daughter
   Chrismas Present.
   Bob Cratchit's Home.
   Mineya Cattera.

- 16. Miner's Cottage.17. Nephew's House.
- 18. Same as 6-Scrooge's Bed-18. Same as 6—Scrooge's Bedroom.
  19. Effect. Christmas Future.
  20. On 'Change.
  21. Marine Store Dealer's.
  22. Interior of Cratchit's House
  23. The Churchyard.
  24. Buying Turkey at Door.
  25. Inter'r of Nephew's House.

# The Chimes.

#### By CHARLES DICKENS.

#### 24 Views, with Lecture. \$12.00.

- 5. Chimes Saying Grace.
  6. Dinner on the Steps.
- 7. Dinner Interrupted.
  8. Hopes "Put Down."
  9. The Two Porters.
- The Goblins of the Chimes.
   Trotty in the Wet.
   Trotty by the Church Porch.
   Trotty Smells his Dinner.
   Trotty and his Guest.

  - ling's.

    11. Trotty Meets Will Fern.

    12. Trotty and his Guest.

    13. The Fireside Nap.

    14. The Chimes Obeyed.

    15. The Spirit of the Chimes.

    16. The Vision of Death.
  - 17. Meg and Richard.

- 18. He Sat Staring Vacantly.19. The Forlorn Mother.20. The Desperate Mother.21. The Intended Murder and Suicide.

- 22. Awakening.
  23. Will Fern Finds his Friend.
  24. Trotty Leads off the Dance.

# The Old Curiosity Shop. By CHARLES DICKENS.

#### 24 Views, with Lecture. \$12.00.

#### The Wanderings of Little Nell and her Grandfather. Illustrated from Life.

- 1. Master Humphrey and Nell.
- The Old Curiosity Shop.

- 2. The Old Carlosity Shop.
  3. Quilp's Home.
  4. Swiveller's Apartments.
  5. The Last Night in the Old Curiosity Shop.
  6. "She led him gently away."
  7. "They made their frugal breakfast."
  8. A Serio-Comic Scene.
- A Serio-Comic Scene.
  "She walked out into the churchyard."
- 10. Messrs. Codlin, Short and Company. 11. The Garret, Nell and Cod-
- lin.
- "They venture to sit down to rest."
- 13. They Approach the Village Schoolmaster.
- 14. Mrs. Jayley at Tea.
  15. The Waxwork Exhibition.
  16. Nell's Nocturnal Visit to her Grandfather.

- 17. "See, here's the church t"
  18. "This old house is yours."
  19. Nell's Visit to the Church.
  20. "She came unexpectedly
  upon the Schoolmaster."

  1 ""The came unexpectedly
  upon the Schoolmaster."
- 21. "They say that you will be an angel."
- 22. At Rest. 23. "The villagers close around
- the grave."
  24. Her Grandfather at the Grave.

# Gabriel Grub.

#### 17 Views, with Lecture. \$11.00.

#### Dickens' well-known Story of the Sexton who was Stolen by the Goblins.

- Introduction.
- 1. Introduction.
  2. An Old Abbey Town. This is a moving Panorama stide, showing the Public House, the Road, and the old Church.
- \*8. He sat himself down on a flat tombstone. 4. Close to him was a strange
- unearthly figure.

  5. Playing at leapfrog with the tombstones.
- 6. He found himself in a large dark cavern. thick cloud rolled 7. A
- gradually away.

  \*8. A crowd of little children
  were gathered round.
- \*9. He was wet and weary
- \*10. Then he sat down to his meal.
- \*11. The fairest and youngest
- child lay dying.

  \*12. The father and mother, old and helpless now.
- \*13. The few who yet survived then knelt by their tomb.
- 14. A rich and beautiful landscape was disclosed.

- \*15. Lying at full length on the tombstone.

  \*16. The lantern, the spade, and the wicker bottle.

  \*17. He told his story to the Clergyman and to the Mayor.

# Bible Manners and Customs.

- 1. An Arab Encampment. 2. Tents.
- 3. Door of a Tent.
  4. Handing Water to Travelers.
- Bottles.
- Mills
- 7. Ploughing. 8. Threshing. 9. The Wine Press.
- 10. Flat Roofs of Houses.
- 30 Views, with Lecture. \$15.00.
  - 11. Plan of Syrian House. 12. Putting off Shoes.
  - 13. Salutations.
  - Washing the Hands. 15. Sitting at Meat.
  - 16. Potter
  - 17. Musical Instruments, 18. Beds.
  - 19. Marriage Procession.
  - 20. Lamps.

- - 21. Horns. 22. Ear-rings and Nose-rings.

  - 24. Writing.
  - 25. Books. 26. Tombs. 27. Mourning at the Grave. 28. War Chariot.

  - 29. Armor. 30. Ships.

# Animal Sagacity.

#### 24 Views, with Lecture. \$12.00.

1. Introduction.

rough.

2. The beach here was strewed with wreckage.

- Mare and Foal
- 3. Music-loving Horses. 4. Arabian Horses and Lamb.
- 5. The Nose-bag.
- 6. A Donkey Gatekeeper.
  7. A Useful Servant.
  8. "A Good Ducking."
- 9. Performing Monkeys.

- 9. Performing monneys.
  10. A Sly Fox.
  11. Sheep and Lambs.
  12. A Useful Pilot.
  13. Goat and Kids.
  14. Cow Working a Pump.
  15. Bull Tamed by Lightning.
- 16. Performing Birds.
- 17. "Hold him fast, Mother."
  18. Sparrow and Nest.
  19. A Clever Cat.
  20. A Strange Foster-child.

- 21. A Four-footed Groom. 22. "Gelert" Killing the Wolf. 23. "Baby." 24. The Catastrophe.

# The Life Boat.

#### From Life Models.

- 7 Views, with Poem. \$3.50. 1. "This ain't what we calls
  - 3. I knelt by her side and | prayed.
    4. You're wanted.
- 5. In hail of the vessel
- 7. By the bedside were my wife and Jack.

# Beautiful Snow.

#### 5 Views, with Poem. \$2.50.

- 1. Oh! the snow, the beautiful snow. 2. Over the crust of the bean-
- Once I was fair as the beautiful snow.
   The veriest wretch that goes shivering by.
  - 5. Sinner, despair not! Christ. stoopeth low.

# Human Physiology Popularly Explained; OR, THE HOUSE WE LIVE IN.

#### 52 Views, with Lecture. \$26.00.

tiful snow.

- Introductory Slide.
   Human Skeleton.
   Skull—Side View.
   Front, Top, and Sec-
- tion. Vertebral Column.
- 6. Pelvis.
- Ribs. Clavicle, Scapula, Arm, and
- Hand. 9. Hip, Leg, and Foot.
- 10. Ligaments.
  11. Effects of Tight Lacing on the form of the Skeleton.
- 12. Muscular System.
  13. Natural Levers.
  14. Viscera of Human Body.
- 15. Course of Ingesta.
  16. Jaws.
  17. Kinds of Teeth.
- 18. Salivary Glands. 19. Liver, Pancreas, Stomach—

- of the Intestines.

  1. Systematic Circulation.

  22. Heart and Lungs—Exterior.

  23. Heart—Interior, Right Side

  24. Blood Corpuscles—Human
  and Comparative.

  25. Pulmonary Circulation.

  26. Trachea—Lungs, Half Sec-
- tion.
- 27. Transverse Section of Tho-
- rax. 28. Cavity of Thorax Diaphragm. 29. Minute Structure of Lungs.
- 80. Absorbent System. 31. Lymphatics.
- 32. Kidney-Exterior and Section. 33. Renal Circulation.
- 34. Sections of Skin. 85. Liver, etc.
- 36. Cerebro-spinal System. 37. Ganglionic System.

- Gastric Glands—Structure of the Intestines.
   Systematic Circulation.
   Heart and Lungs—Exterior.
   Heart—Interior, Right Side

  38. Section of Brain, showing Twelve Pairs of Nerves.
  39. Under Surface of Brain, showing Twelve Pairs of Nerves.
  - 40. Spinal Cord. 41. Touch-Nerve Endings in
  - Skin.
  - 42. Smell—Sections of Nose.
    43. Taste—Tongue.
    44. Sight—Sections of Eye.
    45. Minute Structure.

45.

- Minute Structures of Eye. Muscles of Eye and
- 46. Lachrymal Apparatus.
- 47. Hearing-Ear.
- 48. Speaking—Larynx, etc.
  49. Minute Structure of Bone.
  50. Minute Structure of Teeth.
  51. Minute Structure of Muscle.
- 52. Structure and Growth of Nails and Hair.

# The Jackdaw of Rheims.

Original Designs.

#### 12 Views, with Lecture. \$6.00.

- The Jackdaw of Rheims. The Jackdaw sat on the Cardinal's chair.
- 8. And he peered in the face of his Lordship's Grace.
  4. And six little singing boys, dear little souls.
- 5. He peeps, and he feels in the toes and the heels.
  6. He called for his candle, his bell, and his book.
  7. They all cried "that's him."
- 8. The first thing they saw.
- 9. And off that terrible curse he took. (For this repeat No. 6).
- 10. Or slumbered in prayer time In the odor of sanctity died.
   The conclave determined.
- 13. Saint Jim Crow.

# Trab to Catch a Sunbeam.

Illustrated from Life.

#### 15 Views, with Lecture. \$7.50.

- 1. David Smoking and Rumi-
- nating.
  2. David Starting to his Feet in Terror.
  3. The Spirit.
  4. David's Visit to Mrs. Denvisits
- nis.
- 5. You're my son, ain't you my blessing.
  6. Bless you, this is real 12. The mother clasped her lost
- charity. 7. The Rescue.
- 8. David's Astonishment.
  9. David and Mrs. De
  Shaking Hands. Mrs. Dennis
- treasure.
- 13. David in Church.
  14. The Visit to David.
  15. The Bible Read to David.

# Friendless Bob.

#### Illustrated from Life.

#### \$9.00. 18 Views, with Lecture.

- 1. The Missionary on the Common.
- 2. The Missionary Makes Acquaintance with Bob.
  3. Bob has a New Idea.
  4. Bob Makes a Friend of
- Jerry.
  5. Bob's Arrival at the Cottage
- 6. Bob Passes the Night with 7. Bob at Breakfast. [Jerry. 8. Bob and his Grandmother.
  9. On the Sands.
- Ethel Rides Jerry.
- 11. Mr. Fortesque Chastises the Donkey Boy.
  12. Bob Worsted in the Fight.
- 13. Ethel Confiding in Bob.
  14. Granny, what does a donkey cost?
  15. Bob in Tears.
- 16. Preaching on the Sands. 17. The Walk Along the Beach. 18. Mrs. Brown Divulges the
- Secret.

# Christie's Old Organ.

#### Illustrated from Life.

#### 24 Views, with Lecture. \$12.00.

- 1. Introduction.

- 1. Introduction.
  2. Treffy at Home.
  3. Christie Listening.
  4. Treffy's Fall.
  5. Christie and Treffy Alone.
  6. Treffy's Last Out.
  7. Treffy Low-spirited.
  8. Christie's First Out.
  9. First Visit to Mobel
- First Visit to Mabel.
- 10. Christie Calls the Doctor. 11. Christie Tells Treffy only a Month.
- 12. Mabel Learns to Play. 13. Mabel Points to Heaven.
- 14. Christie Outside Mission Hall.
- 15. Interior of Mission Room.16. The Minister and Christie.
- 17. Mabel Sends Flowers to
- Treffy.

  18. Minister Visits Old Treffy.

  19. Treffy's Death.

  20. The Vision.

- 21. Christie Alone. 22. Christie Overcome. 23. Christie Ill.
- 24. Minister Visits Christie.

# Jane Conquest, New Edition.

This Poem has been re-written by Dr. Croft, late Honorary Managing Director of the Royal Polytechnic, London.

#### 19 Views, with Poem. \$9.50.

- 1. Introductory.

  \*2. And her child was dying.

  \*3. Up to her feet rose she.
- 4. She saw a gallant ship. \*5. She sank to her knees. \*6. Angel effect. Take though
- my boy.
  7. The snow lay deep.
  8. Stood the old grey church.
- \*9. And grasped the rope, sole cord of hope.
  \*10. And then it ceased its
- ringing.

  11. Midst the breakers.

  12. Saved from the wreck.

  \*13. Within the silent darkened
- room. Sinks fainting on the \*14. Sinks ground.
- \*15. He finds her lying there. \*16. 'Tis Harry Conquest. \*17. The suffering Boy, her darling Boy.
- \*18. Her darling Boy, with angel.
- 19. Angel effect, to use in com-bination with Nos. 5 and 17.

# The Life of Mary Queen of Scots.

Illustrated by Life Models.

#### 24 Views, with Lecture. \$12.00.

- 1. Linlithgov. Palace.
- 2. Stirling Casale.
  3. It was the stately convent.
- And there five noble maidens sat
- 5. Cathedral of Notre Dame,
- Paris.
  6. It was the gay Court.
  7. Palace of the Louvre, Paris.
  8. And on its deck a lady
- 9. Holyrood, Edinburgh,
- 10. Sat Mary listening to the
- rain. 11. She bade the minstrel play. 12. The faithful Rizzio's
- slain.
- 13. Edinburgh Castle.
- 14. Craigmillar.
  15. She wrote the words.
- 16. Loch Leven Castle. 17. She staid her steed upon the hill.
- 18. South Wingfield Manor-House
- 19. Mary's Bower, Chatsworth. 20. Worksop Manor.
- 21. Beside the block a sullen headsman stood 22. And on the scaffold now
- she stands.
- 23. Her neck is bared—the blow is struck.
  24. Queen Mary's Tomb, Westminster Abbey.

# The Life of Lady Jane Grey. Illustrated by Life Models.

# 24 Views, with Lecture. \$12.00.

- Introductory
- 2. Sudeley Castle, Glouces-tershire.
- Lady Jane Grey and Rob-ert Ascham.
- St. John's Gate
- Sion House, Isleworth. Northumberland announcing the King's death to
- Jane.
  "I raised myself on my knees and prayed to God."
- 8. View of the Tower of London from the River.
- 9. The High Officers of State offering the crown to Lady Jane.
- 10. Interview between Lord Guilford Dudley and
- Guilford Dudley and Lady Jane.

  11. The White Tower.

  12. Interior of St. John's Chapel.

  13. Lady Jane perceived ather
- feet an axe! Framlingham Castle, Suf-
- folk. 15. Lady Jane under Royal
- Canopy.

  adv Jane a Prisoner. 16. Lady Suffolk announcing
  Jane's dethronement.

- 17. Lieutenant's Lodgings in
- the Tower.

  18. Beauchamp Tower.

  19. Interior of Guildhall. 20. Mary signing death war-rant.
- rant.

  The Abbot of Westminster endeavours to induce Lady Jane to renounce the Reformed Faith.

  Lady Jane sees Dudley go
- to execution,
  23. Execution of Lady Jane
- nterior of St. Peter's Chapel. 24. Interior

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Magic Lantern.

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WITH FULL DIRECTIONS.

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2.—The LENSES of the GEM MAGIC LANTERN are of excellent quality, accurately ground and polished, and define the Views clearly upon the Screen.

8.—The LIGHT of the GEM MAGIC LANTERN is obtained by the use of an improved Candle in a patented carrier which keeps the flame constantly in the central line of the Lenses, and yields a good illumination. As there is no oil or fluid of any kind, cleanliness is the result, and a child can safely operate The Gem Magic Lantern without difficulty.

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6.—The PRICE of the GEM MAGIC LANTERN is lower than that of any other Magic Lantern in the market, of equal size and capacity.

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See GEM MAGIC LANTERN SLIDES, on preceding page.

\* \* \* The Gem Magic Lantern can be supplied with a Kerosene Lamp in place of the Candle, if desired.

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A PROFITABLE ATTRACTION

For Street Exhibition, Dime Museums, Side Shows, Fairs, etc., etc.

(PATENT APPLIED FOR.)

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the pillar is an arm supporting the body of the Microscope, with convenient adjustment for focussing the lenses on the object. Total height of the Illustrators' Microscope is about 18 inches. The instrument can be taken apart for packing, and put together again in a moment, and is very portable.

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Having the objects arranged in order on the revolving stage, and the focus and illumination adjusted, it merely remains

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fluids, etc.: \$35.00, in Brass Finish. \$37.50, in Nickel Plate.

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# REVOLVING STERBOSCOPES.



The cases of the *Revolving Stereoscopes* are made of Walnut, handsomely polished, with folding doors at top, having reflectors on their inner surfaces to throw light upon the pictures, which are arranged back to back upon arms extending from an endless chain within the instrument.

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To	hold	50	Views.	 		\$10.00
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ing Light is Breaking; What shall the Har-

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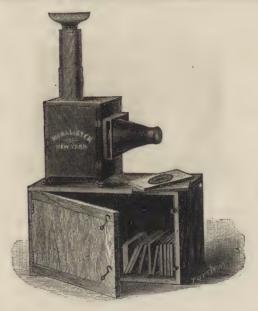
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# T. H. McALLISTER'S

# LODGE PHANTASMACORIA.



A frequent objection to the introduction of a Magic Lantern in "Lodge work," has been the apparent difficulty of operating it by one not acquainted with its management; and thus, in the absence of a member who may usually take charge of it, it has sometimes been abandoned as being impracticable.

T. H. McALLISTER'S LODGE PHANTASMAGORIA overcomes all this trouble, and will not fail even in inexperienced hands,—all that is necessary being to follow the few plain directions appended, and place the Lantern in position, when the view will be immediately projected to the screen, no focusing or other adjustment of lenses or light being required.

The Lodge Phantasmagoria consists of a substantial and handsomely finished Japanned Case, fitted with first quality Condensing Lenses, 4½-inch diameter, mounted in Brass, and Concavo convex Object Glasses, also mounted in Brass; and is illuminated by our Patent Bi-Unial Lamp, which yields the greatest intensity of light for Magic Lantern illumination that is possible to be obtained from oil.

The Lodge Phantasmagoria is packed in substantial hinged Walrut Box, 18x12x8 inches; and is accompanied with a first quality Screen, 9 feet square, with rings for suspending it in Hall.

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PATENTED APRIL 6th, 1886.

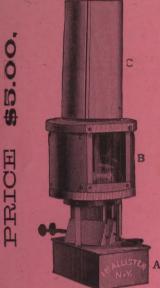


Fig. 1.





Fig. 2.

T. H. McAllister's NEW BI-UNIAL LAMP gives the most intense light for Magic Lantern Illumination that can be obtained from oil. It is the result of a long series of experiments, and combines the following important advantages over any other form of oil Light for use in Magic Lanterns.

- 1. Brilliancy—resulting from the perfect combustion, the diagonal arrangement of the Wicks, and the Nickel-Plated Reflector which gathers and concentrates light otherwise diffused and lost.
- Uniformity of Illumination—The Light is distributed evenly over the Screen, making one portion of the magnified picture as bright as another, and obviating any shadow of the flame which is visible with improperly constructed lamps.

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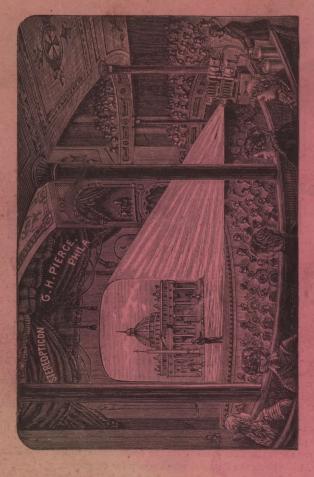
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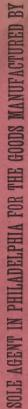
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